

# DONE POWER COMMITTED TO BECOMING A GLOBAL PROFESSIONAL POWER SUPPLY PROVIDER



Road lighting



Tunnel lighting



Horticulture lighting



Stadium lighting



Fishery lighting



UV curing lighting



Industrial lighting



Explosion-proof lighting



Brightening lighting



Intelligent dimming lighting



Advertising sign lighting



Industrial control lighting

[www.donepower.com](http://www.donepower.com)

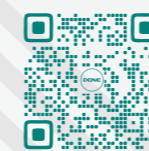


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# ABOUT US



## Done Power New Smart industrial Park

Area: 30 mu (20,000 square meters)  
Total Investment: 210 million RMB

Planned Construction Area: 70,000 square meters  
Location: Henglan Town, Zhongshan City

[www.donepower.com](http://www.donepower.com)

Founded in 2009, Guangdong DONE Power Technology Co., Ltd. now has more than 600 employees and more than 30,000 modern standardized workshops. It is a comprehensive brand enterprise integrating R&D, manufacturing, sales, and service in outdoor road/tunnel lighting LED driver, horticulture/fishery/stadium/UV curing lighting LED driver, industrial/special explosion-proof lighting LED driver, brightening lighting LED driver, intelligent dimming LED driver, advertising sign LED driver, and industrial control LED driver.

As a leading brand in the LED driver industry, Done Power has established a 2,500 m<sup>2</sup> national CNAS-certified laboratory to support product R&D, trial production, mass manufacturing, and specialized reliability testing of electronic components. Additionally, Done has set up a 2,000 m<sup>2</sup> innovation R&D center with a 120-member research team, possessing industry-leading R&D capabilities and technical expertise. To date, Done has obtained over 150 national patents and has been honored with multiple awards, including National High-Tech Enterprise, Provincial Engineering Technology Research Center, Specialized and Innovative SME, and National LED Driver Power Supply Quality Leading Brand.

In terms of marketing network development, Done has established branches in Ningbo, Changzhou, Shenzhen, Zhongshan, and other cities. The company has also partnered with over 50 distributors domestically and internationally, with its products exported to more than 100 countries and regions, including Europe, the U.S., the Middle East, Southeast Asia, and Russia. This global marketing strategy ensures a more convenient and efficient service experience for customers.

Through continuous business development and industrial expansion, Done Power's high-power LED driver production base officially commenced construction at the end of 2023. Covering an area of 30 acres, the base will implement a smart factory and intelligent warehouse project, providing robust production capacity and extended space to support the development of a diversified industrial cluster.

**30000<sup>+</sup>m<sup>2</sup>**  
Modern standardized factory building area

**600<sup>+</sup>**  
Staff

**2500m<sup>2</sup>**  
National CNAS-certified laboratory

**2000m<sup>2</sup>**  
Innovation R&D Center

**120<sup>+</sup>**  
Elite R&D member within the industry



## VISION

To be a century-old company , striving to be one of the top three led driver manufactures.



## MISSON

Dedicate to the development of led drivers around the world, to create values for clients, employees, shareholders and society by utilizing our professional skill and high quality service.



## VALUE

Honesty / Practicability / High efficiency / Responsibility



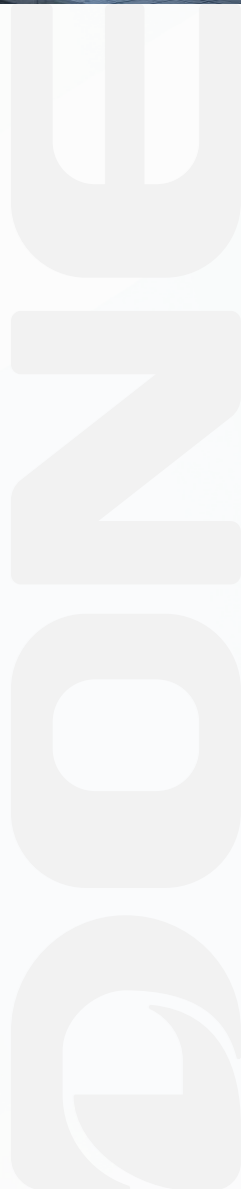
## PHILOSOPHY

To be a customer and contributor oriented company, never stop hard working, adhere to self-enhancing.



## SPIRIT

Taking responsibility, Improving continuously, Executing systematically, Pursuing excellence.



# COMPANY HISTORY

## Startup Phase 2009-2013

- In 2009, the predecessor of DONE Power, "Guzhen Lingling Electronics Factory," was officially established. In its early stages, it focused on indoor and outdoor medium and low-power power supply products, entering the market with a quality-oriented approach.
- In 2011, the company systematically established R&D, quality control, and manufacturing centers to enhance product consistency capabilities. Simultaneously, a domestic marketing center was set up, and service networks were established in Jiangsu, Zhejiang, Shenzhen, Foshan, and other locations, initially building a nationwide sales and service network.
- In 2013, DONE Power initiated the construction of the Xinmao factory. The first phase had a planned construction area of 25,000 square meters, laying the foundation for production capacity expansion. The same year, the company comprehensively promoted international product certifications, successively obtaining certificates such as CE, CB, ENEC, UL, FCC, TUV, and BIS. This marked its official foray into overseas markets, achieving a significant leap from local manufacturing to international compliance.

## 2014-2016 Brand Expansion Phase

- In 2014, the company was renamed "Zhongshan DONE Power Lighting Technology Co., Ltd.," simultaneously launched the "DONE" brand visual identity system, completed trademark registration, and fully initiated brand-oriented operations. The same year, actively responding to the national "Going Global" initiative, it participated in international exhibitions in Turkey, Dubai, Thailand, and the Canton Fair, boosting its international visibility.
- In 2015, the first phase of the Xinmao factory was successfully completed. The company relocated from Guzhen to the new Henglan facility, achieving a dual upgrade in production capacity and office environment. The International Marketing Department was formally established to accelerate overseas market expansion. The same year, DONE was recognized as a "Designated Enterprise Above Scale" by the Ministry of Industry and Information Technology, affirming its strength with government recognition.
- In 2016, DONE's production lines expanded to 16, with power supply sales ranking among the top in the nation, significantly elevating its industry position. To meet sustained growth demands, construction began on the second phase of the Xinmao factory.

## Transformation and Upgrade Phase 2017-2019

- In 2017, the second phase of the Xinmao factory was completed and put into operation. The same year, the company clearly defined high-power LED drivers as its core business direction, added new SMT cable processing and high-power production workshops, and strengthened its industrial chain supporting capabilities. Leveraging its technical expertise, it was recognized as a "Zhongshan Engineering Technology Research Center".
- In 2018, DONE established two major operation centers in Shenzhen and Ningbo to deepen its layout in the East and South China markets. The same year, the company expanded its Innovation Research Center and Reliability Verification Center, solidifying the foundation for sustained product competitiveness.
- In 2019, DONE successfully passed the national "High-Tech Enterprise" certification, joining the ranks of innovation-driven enterprises. The third phase of the Xinmao project progressed smoothly, the R&D and verification center completed upgrades, and the technical system was further refined.

- In 2020, the company was upgraded to "Guangdong DONE Power Technology Co., Ltd." and was selected as a Guangdong Province "Specialized, Refined, Distinctive, and Innovative" SME, achieving a significant milestone on the path of specialization and refinement.
- In 2021, DONE was recognized as a "Guangdong Province Enterprise Technology Center" and obtained system certifications such as ISO9001, ISO14001, and ISO45001, marking the standardization and internationalization of its management.
- In 2022, DONE was awarded the titles of "Zhongshan City Enterprise Technology Center" and "Guangdong Province Engineering Technology Research Center", with its technical strength continuously receiving authoritative recognition. The same year, leveraging international platforms such as the Light+Building Fair in Frankfurt, and the Hong Kong Lighting Fairs (Spring and Autumn Edition), DONE showcased its cutting-edge products and brand strength to the global market, steadily increasing its industry influence.
- In 2023, the company entered a fast track of business expansion, adding two automated production lines to increase capacity. Concurrently, it laid out a group industrial strategy. DONE Power maintained constant current products as its main business, while establishing DONE Electronics to focus on the constant voltage business segment, achieving synergistic development between the two business segments. Cooperations were established with leading local distributors in key markets such as Turkey, Brazil, Russia, and Saudi Arabia, initially completing the strategic layout of overseas markets. In November of the same year, construction began on the Yuxiang Base High-Power LED Driver Production Project, planning the construction of smart factory and intelligent warehousing systems, marking a crucial step in its smart manufacturing layout.

## 2020-2023 Rapid Development Phase

## Diversification Layout 2024-2028

- In 2024, DONE was once again recognized as a "Guangdong Province Enterprise Technology Center" and a "Guangdong Province Intellectual Property Demonstration Enterprise". The same year, its Verification Center passed the national CNAS accreditation, continuously raising its technical barriers.
- In 2025, DONE clearly defined its brand positioning as a "Global Professional Power Supply Provider". It comprehensively upgraded its business model and operation platform, establishing DONE Energy to focus on the high-power product line, forming a group operation structure based on three major business systems: "DONE Power, DONE Electronics, and DONE Energy".
- Over the next three years, DONE will continue to expand into power supplies and related supporting industries, gradually extending to multiple business entities like "DONE Intelligence, DONE Manufacturing", completing the expansion of DONE's diversified business fields.

# ENTERPRISE REALITY

# DONE

# QUALIFICATION HONOR



150+  
National Patent Certification



100+  
Enterprise honor certificates at all levels



# PRODUCT NAMING RULE

## DL-1000W-V56XX-MXS

- Product Series**  
 MX:Isolated Bipolar  
 MA:Isolated Unipolar  
 PX:Non-isolated Bipolar  
 PA:Non-isolated Unipolar
- Dimming mode/programming mode or specific functions**  
 A:Non-dimmable, adjustable output current  
 F:NFC inductive dimming  
 P:Programmable dimming (via programmer)  
 S:3-in-1 dimming  
 U:Auxiliary output + extra output wire  
 X:Auxiliary output +3-in-1 dimming (with potentiometer)  
 Q:Auxiliary output + 3-in-1 dimming (with potentiometer) /programmable dimming  
 T:NTC external temperature protection  
 J:RJ12/RJ25 & physical network ports + knob dimming  
 C:Dual-color + Two outputs  
 Y:Single-color + Two outputs  
 E:Single-color + Three outputs
- Communication mode/protocol**  
 B:Bluetooth  
 N:NB-IOT  
 T:CAT1  
 L:LORA  
 E:ZigBee  
 D:DALI-2  
 G:DALI-2&D4I  
 R:RS485  
 Z:PLC  
 M:DMX512
- Output voltage or output current**
- Product form identification**  
 A:Product Form 1  
 (Non-fixed form, serves solely as an identification code to be defined by specific products)  
 A:Product Form 2  
 (Non-fixed form, serves solely as an identification code to be defined by specific products)
- Rated input voltage or input characteristics**  
 L:Rated 100-120Vac low voltage input  
 Z:Rated 100-277Vac wide voltage input  
 W:Rated 120-277Vac wide voltage input  
 H:Rated 200-277Vac high voltage input (narrow range)  
 M:Rated 100-347Vac Canadian voltage input  
 U:Rated 277-480Vac ultra-high voltage input  
 V:Rated 220-480Vac ultra-high voltage input  
 I:Compliant with India EESL standard (440V input for 48h non-damage)  
 B:350V 24-hour overvoltage protection (feature)  
 K:Europe CLASS II input  
 DU:Rated 600-900V DC-DC input  
 DV:Rated 200-480V DC-DC input  
 R:Random voltage code (for customer-defined voltages, non-standard)
- Output power of LED driver**
- DL:Conventional model**  
**MZ:Customized model**

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## CONSTANT CURRENT LED DRIVER SERIES

### ISOLATED LED DRIVER SERIES

#### MXS Horticulture/Fishery Lighting LED driver/400-1500W

|  |       |
|--|-------|
| MXS-Z 100-277V Conventional wire/terminal wiring + Programmable + Auxiliary source | 05-06 |
| MXS-H 200-277V Conventional wire/terminal wiring + Programmable + Auxiliary source | 05-06 |
| MXS-V 200-480V Conventional wire/terminal wiring + Programmable+ Auxiliary source  | 05-06 |
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#### MXG Road /Horticulture / UV Curing Lighting LED driver/30-750W

|   |       |
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| MXG-D DALI2.0/D4I + Programmable + Auxiliary source   | 07-08 |
| MXG-L/T LORA/CAT.1 Intelligent Integrated LED driver  | 09    |
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#### MAC/MCC Built-in explosion-proof/Brightening lighting LED driver/3-50W

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#### MAC-A Built-in explosion-proof/Tunnel/Brightening lighting LED driver/30-70W

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## NON-ISOLATED LED DRIVER SERIES

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|   |       |
|---|-------|
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|---|-------|

Application Fields of Done Constant Current LED Driver

Public Lighting Product Line >>>



**Done Public Lighting Solutions:**  
Empowered by Light, Serving as the Guardian of Urban Safety.

- IP67 Water & Dust Resistance
- 6KV/10KV Lightning Surge Protection
- IK08 Impact Resistance Rating
- Wide Voltage Input Range
- Safeguard Against Mains Power Misconnection on Dimming Wires
- Protection Against Input Voltage Miswiring
- Operating Temperature: -40°C to 55°C

Advantages of the public lighting product line

**High Power Density**

Incorporating an advanced circuit topology and utilizing third-generation semiconductor devices (SiC, GaN) to reduce size and increase power density.

**Smart Programming**

Combines versatile online/offline programming with simple one-step operation, providing the flexibility to adapt to a wide range of application needs.

**High Efficiency**

Significantly reduces energy consumption, delivering green efficiency and long-term cost savings.

**Universal Protocol Dimming Compatibility**

Supports a wide range of dimming standards including 0-10V/PWM, DALI-2, D4i, and timer dimming.



Smart Lighting Product Line >>>



**Done Smart Lighting Solution:**  
Powered by intelligent control and energy savings, providing the essential power for urban lighting.

- IP67 Water & Dust Resistance
- 6KV/10KV Lightning Surge Protection
- IK08 Impact Resistance Rating
- Wide Voltage Input Range
- Multi-protocol Support
- Done's own dedicated control platform
- Operating Temperature: -40°C to 55°C

Advantages of the Smart Lighting Product Line

**Universal Smart Communication**

Supports a comprehensive range of smart communication technologies including Cat.1, LoRa, PLC, RS485, Bluetooth, and Zigbee.

**Smart Cloud Control Platform**

Seamlessly links with the Done's Cloud Control Platform, offering universal protocol compatibility for centralized remote management and control.

**Precision Data Acquisition**

Real-time monitoring of voltage, current, power, and energy consumption.

**Early Fault Warning System**

Boosts maintenance efficiency by providing real-time alerts for 11 fault types—such as over-voltage, under-voltage, power loss, and short circuits—preventing downtime.

**Seamless Cloud Upgrade**

Supports OTA updates for continuous optimization, ensuring the system remains up-to-date.



High-power Lighting Product Line >>>



**Done High-Power Lighting Solutions:**  
Driven by the principle of "High Efficiency" to propel industrial transformation.

- IP67 Water & Dust Resistance
- 6KV/10KV Lightning Surge Protection
- High Efficiency: 97%
- Wide 100-277Vac / 200-480Vac input range
- Operating Temperature: -40°C to 55°C

**Stadium Lighting**

- Optional 44FPS Strobe Flash
- NFC Configuration Support
- Multi-Channel Output Options
- Wide 100-277Vac / 200-480Vac input range
- Operating Temperature: -40°C to 55°C

**Fishery/UV Curing Lighting**

- IP67 Water & Dust Resistance
- 6KV/10KV Lightning Surge Protection
- Operating Temperature: -40°C to 55°C
- High Efficiency: 97%
- Wide 100-277Vac / 200-480Vac input range
- Integrated Die-Cast Aluminum Housing

Advantages of the High-Power Lighting Product Line

**Extensive Power Range with Strong Coverage**

Power range from 100W to 1800W with stable and robust output, suitable for high-energy-consumption scenarios such as sports stadiums and large-scale plant factories.

**Smart Programming**

Empowers users with flexible online/offline programming and one-step simplicity, effortlessly adapting to the unique demands of any application scenario.

**Universal Protocol Dimming Support**

Compatible with a wide range of dimming modes including 0-10V, PWM, Res, DALI-2, D4i, DMX512, and Timer Dimming, offering flexible adaptation to various application needs.

**Pure Light Output**

Delivers flicker-free illumination with instant-off (no afterglow), ensuring a healthy lighting environment and meeting specialized spectral demands such as plant growth.

**Professional Strobe Effect Support**

Supports a 44 FPS strobe effect under the DMX512 protocol, delivering precise response to dynamic lighting commands to meet the creative needs of stages, performances, and other specialized scenarios.



## Application Fields of Done Constant Voltage Power Supply

### Constant voltage lighting product line



Designed specifically for landscape lighting, architectural buildings, advertising sign, and indoor intelligent dimming needs, it not only provides stable foundational power but also serves as the core guarantee for system reliability, intelligence, and energy efficiency.

### Advantages of the Constant Voltage Lighting Product Line

#### Landscape Lighting

Engineered to thrive in demanding outdoor conditions, it combines high protection (IP67), lightning surge immunity, a wide operating temperature, and corrosion resistance. It also features seamless DMX512 integration for dynamic color changing.

#### Architectural & Building Lighting

High power factor and high energy efficiency reduce building operating costs; stable and reliable performance ensures the normal operation of large-scale lighting systems; compatibility with DALI-2 enables intelligent building integration and control.

#### Advertising Sign

Compact dimensions adapt to confined luminaire spaces; high reliability reduces maintenance and prevents commercial advertising blackouts; precise constant voltage ensures uniform brightness of illuminated signage.

#### Indoor Smart Dimming

Universal protocol compatibility (0-10V/DALI-2/DT6/DT8), 1% deep smooth flicker-free dimming, seamlessly integrates into smart home/office systems to enhance comfort experience.



### Industrial control product line



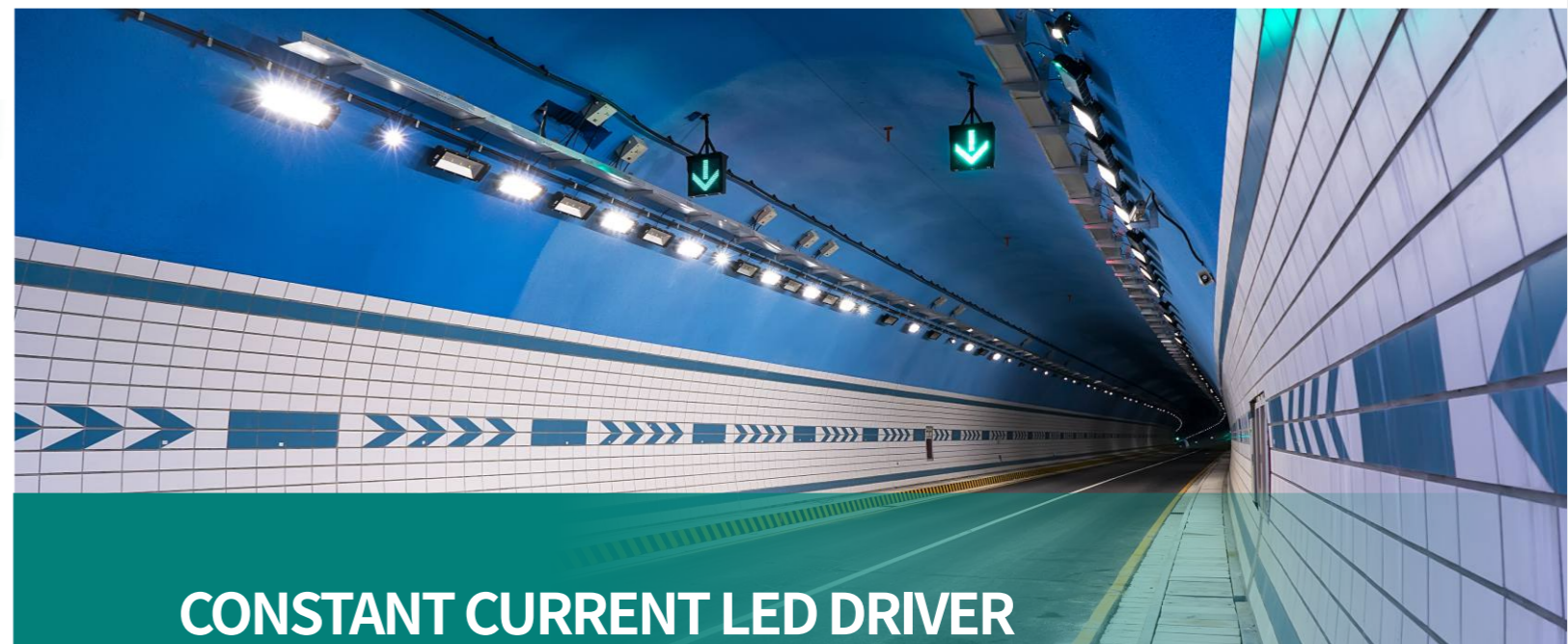
Dedicated to industrial equipment, automated control systems, power electronics devices, and medium-to-large consumer electronic devices, our professional industrial control power supplies are engineered with an unwavering focus on reliability, stability, and environmental adaptability. As the "heart" of critical systems, they deliver consistent, clean, and safe power—minimizing downtime while safeguarding production and data integrity, making them the definitive choice for industrial applications.

### Advantages of the Industrial Control Product Line

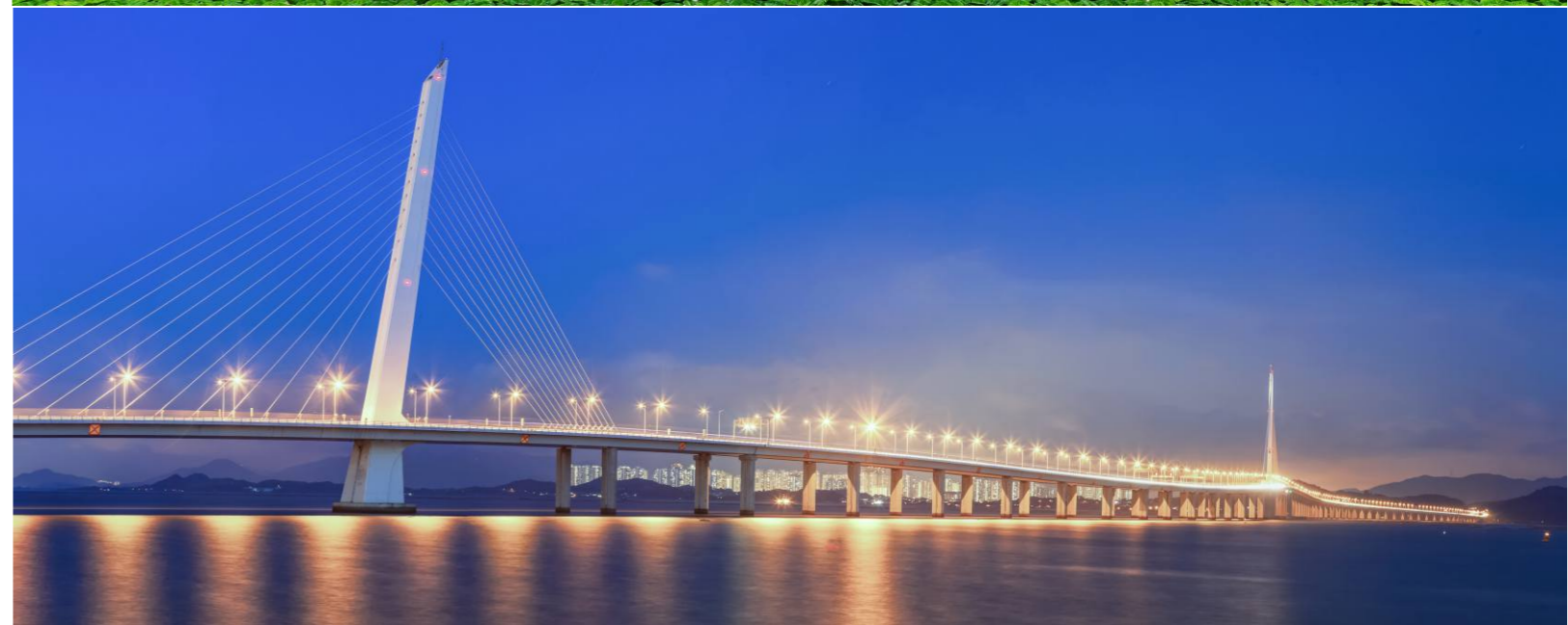
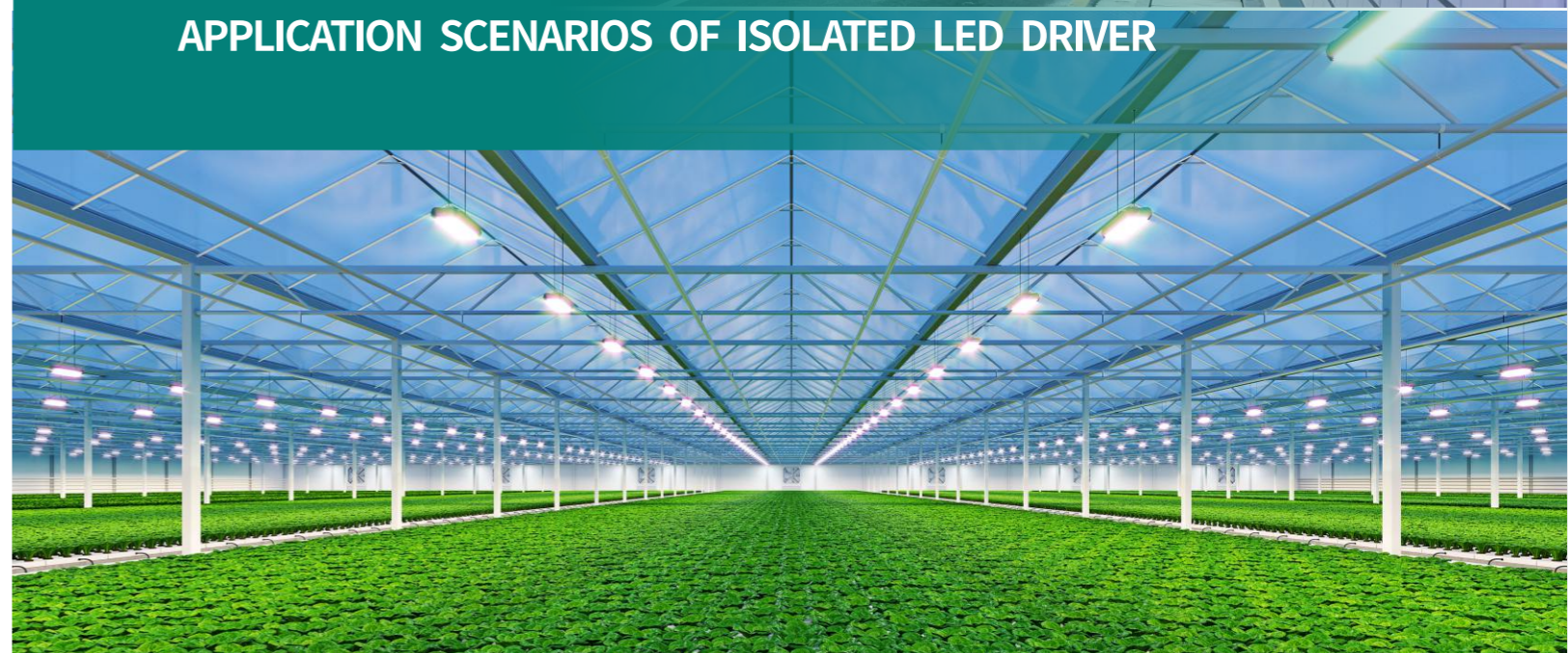
Strong anti-interference ability, and all series meet the industrial conduction and radiation standards.

Power Supplies, DIN Rail Power Supplies, Open Frame Power Supplies, and Specialty Protected Power Supplies — our comprehensive product portfolio covers all application scenarios for industrial equipment.

The latest generation of power supply technology minimizes product footprint while complying with global certification standards, enabling worldwide market coverage.



## CONSTANT CURRENT LED DRIVER APPLICATION SCENARIOS OF ISOLATED LED DRIVER



# MXS Horticulture/Fishery Lighting LED Driver



## PRODUCT FEATURES

- Adopting third-generation semiconductor advanced device technology
- Class I structure
- Life warning, Soft start, Light decay compensation
- A number of patented technologies to improve product performance and reduce the size of the product
- The entire series is equipped with a DC12V auxiliary output
- SCP, OVP, OTP, OCP protection
- Power density up to 11.53W/inch<sup>3</sup> (1000W specification)
- One-touch programming dimming
- Eight-year warranty
- Efficiency up to 96.5%
- IP67

### MXS-Z 100-277V Conventional wire/terminal wiring+ Programmable+ Auxiliary source

- Input Voltage: 100-277Vac
- Output Power: 680W-1500W
- Lightning Protection: Differential Mode 6KV, Common Mode 15KV
- Isolated Dimming: 0-10V/PWM/Res
- IP67

X: Programmable 0-10V/PWM/Timer dimming + 12V/0.25A  
 J: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob



### MXS-V 200-480V Conventional wire/terminal wiring+ Programmable+ Auxiliary source

- Input Voltage: 200-480Vac
- Lightning Protection: Differential Mode 6KV, Common Mode 15KV
- Output Power: 680W-1500W
- Inrush Current: <30A
- Isolated Dimming: 0-10V/PWM/Res
- Programmable settings with open-circuit shutdown support, Soft Start, Hot Swap

X: Programmable 3-in-1 Dimming + Auxiliary Source  
 J: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob  
 JS: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob + Socket



### MXS-H 200-277V Conventional wire/terminal wiring+ Programmable+ Auxiliary source new

- Input Voltage: 200-277Vac
- Output Power: 400W-1500W
- Lightning Protection: Differential Mode 6KV, Common Mode 15KV
- Isolated Dimming: 0-10V/PWM/Res
- IP67

X: Programmable 3-in-1 Dimming + Auxiliary Source  
 J: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob  
 JS: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob + Socket



### MXS-XE 200-277V Three outputs+ Programmable+ Auxiliary source

- Input Voltage: 200-277Vac
- Output Paths: Isolated Three Independent Outputs
- Lightning Protection: Differential Mode 6KV, Common Mode 15KV
- Power Setting: Supports combined CH1+CH2 output
- Supports independent 3-channel or 2-channel control, soft-start configuration, hot-swap
- IP67

XE: Programmable 0-10V/PWM/Timer dimming + 12V Auxiliary source+ Three outputs



### MXS-Z 100-277V Conventional wire/terminal wiring+ Programmable+ Auxiliary source

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size      |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|-------------------|
| 680W  | DL-680Z-56X/J-MXS  | 680W         | 100-277V      | 36-56V         | 46-56V                 | 10.70-14.80A   | 95.5%      | 0.97                  | 6/15KV                      | 315/325*90*44.5mm |
| 800W  | DL-800Z-56X/J-MXS  | 800W         | 100-277V      | 36-56V         | 46-56V                 | 10.70-17.40A   | 96.0%      | 0.97                  | 6/15KV                      | 315/325*90*44.5mm |
|       | DL-800Z-285X-MXS   | 800W         | 100-277V      | 180-285V       | 200-285V               | 2.80-4.00A     | 96.5%      | 0.97                  | 6/15KV                      | 320*90*44.5mm     |
| 1000W | DL-1000Z-56X/J-MXS | 1000W        | 100-277V      | 36-56V         | 46-56V                 | 14.30-21.75A   | 96.0%      | 0.97                  | 6/15KV                      | 355/365*90*44.5mm |
| 1200W | DL-1200W-V220X-MXS | 1200W        | 120-277V      | 150-220V       | 160-220V               | 4.00-7.50A     | 96.0%      | 0.97                  | 6/15KV                      | 315*130*48mm      |
|       | DL-1200Z-250X-MXS  | 1200W        | 100-277V      | 200-250V       | 209-250V               | 4.00-5.75A     | 96.0%      | 0.97                  | 6/15KV                      | 315*130*48mm      |
|       | DL-1200Z-56X-MXS   | 1200W        | 100-277V      | 36-56V         | 46-56V                 | 16.00-26.10A   | 96.0%      | 0.97                  | 6/15KV                      | 400*90*48mm       |
| 1500W | DL-1500Z-56X-MXS   | 1500W        | 100-277V      | 36-56V         | 46-56V                 | 16.30-32.60A   | 96.5%      | 0.97                  | 6/15KV                      | 440*90*48mm       |

X: Programmable 3-in-1 Dimming + Auxiliary Source J: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob

### MXS-H 200-277V Conventional wire/terminal wiring+ Programmable+ Auxiliary source new

| Power | Model No              | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size      |
|-------|-----------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|-------------------|
| 400W  | DL-400H-56X-MXS       | 400W         | 200-277V      | 36-56V         | 46-56V                 | 5.00-8.70A     | 95.0%      | 0.95                  | 6/15KV                      | 240*90*44.5mm     |
| 500W  | DL-500H-56X/J-MXS     | 500W         | 200-277V      | 36-56V         | 46-56V                 | 5.70-10.80A    | 95.0%      | 0.95                  | 6/15KV                      | 240*90*44.5mm     |
| 600W  | DL-600H-56X/J/JS-MXS  | 600W         | 200-277V      | 36-56V         | 46-56V                 | 8.60-13.00A    | 95.0%      | 0.95                  | 6/15KV                      | 265/275*90*44.5mm |
| 680W  | DL-680H-56X/J/JS-MXS  | 680W         | 200-277V      | 36-56V         | 46-56V                 | 11.00-14.80A   | 94.5%      | 0.95                  | 6/15KV                      | 265/275*90*44.5mm |
| 800W  | DL-800H-56X/J/JS-MXS  | 800W         | 200-277V      | 36-56V         | 46-56V                 | 11.00-17.40A   | 95.0%      | 0.97                  | 6/15KV                      | 290/300*90*44.5mm |
| 1000W | DL-1000H-56X/J/JS-MXS | 1000W        | 200-277V      | 36-56V         | 46-56V                 | 14.30-21.75A   | 95.5%      | 0.97                  | 6/15KV                      | 325/335*90*44.5mm |
| 1200W | DL-1200H-56X-MXS      | 1200W        | 200-277V      | 36-56V         | 46-56V                 | 16.00-26.10A   | 95.5%      | 0.97                  | 6/15KV                      | 350*90*48mm       |
| 1500W | DL-1500H-56X-MXS      | 1500W        | 200-277V      | 36-56V         | 46-56V                 | 22.00-32.60A   | 97.0%      | 0.97                  | 6/15KV                      | 425*90*45mm       |

X: Programmable 3-in-1 Dimming + Auxiliary Source J: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob  
 JS: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob + Socket

### MXS-V 200-480V Conventional wire/terminal wiring+ Programmable+ Auxiliary source

| Power | Model No              | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size      |
|-------|-----------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|-------------------|
| 680W  | DL-680V-56X/J-MXS     | 680W         | 200-480V      | 36-56V         | 46-56V                 | 7.40-14.80A    | 95.5%      | 0.97                  | 6/15KV                      | 315/325*90*44.5mm |
| 800W  | DL-800V-56X/J-MXS     | 800W         | 200-480V      | 36-56V         | 46-56V                 | 8.50-17.40A    | 96.0%      | 0.97                  | 6/15KV                      | 315/325*90*44.5mm |
| 1000W | DL-1000V-56X/J/JS-MXS | 1000W        | 200-480V      | 36-56V         | 46-56V                 | 11.00-21.75A   | 96.0%      | 0.97                  | 6/15KV                      | 345/355*90*44.5mm |
| 1200W | DL-1200V-56X/J/JS-MXS | 1200W        | 200-480V      | 36-56V         | 46-56V                 | 13.00-26.10A   | 96.0%      | 0.97                  | 6/15KV                      | 375/385*90*44.5mm |
| 1500W | DL-1500V-56X-MXS      | 1500W        | 200-480V      | 36-56V         | 46-56V                 | 10.30-32.60A   | 96.5%      | 0.97                  | 6/15KV                      | 440*90*48mm       |

X: Programmable 3-in-1 Dimming + Auxiliary Source J: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob  
 JS: 0-10V/PWM Dimming + RJ12/RJ25 Network Port + Knob + Socket

### MXS-XE 200-277V Three outputs+ Programmable+ Auxiliary source

| Power | Model No          | Input Voltage | Passageway | Output Power | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|-------------------|---------------|------------|--------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 800W  | DL-800H-56XE-MXS  | 200-277V      | CH1        | 680W         | 36-56V                 | 10.70-14.80A   | 95.5%      | 0.97                  | 6/15KV                      | 345*90*45mm  |
|       |                   |               | CH2        | 50W          | 24-48V                 | 0.80-1.50A     | 90.0%      |                       |                             |              |
|       |                   |               | CH3        | 70W          | 24-48V                 | 0.80-2.10A     | 90.0%      |                       |                             |              |
| 1320W | DL-1320H-56XE-MXS | 200-277V      | CH1        | 1120W        | 36-56V                 | 14.30-21.70A   | 96.5%      | 0.97                  | 6/15KV                      | 385*90*45mm  |
|       |                   |               | CH2        | 60W          | 24-48V                 | 0.80-1.50A     | 90.0%      |                       |                             |              |
|       |                   |               | CH3        | 120W         | 24-48V                 | 0.80-2.10A     | 90.0%      |                       |                             |              |

XE: Programmable 0-10V/PWM/Timer dimming + 12V Auxiliary source+ Three output

# MXG Road/Horticulture/UV Curing Lighting LED driver



## PRODUCT FEATURES

- Family series products
- Efficiency up to 96%
- Metal housing, IP67
- Lightning protection level up to 15KV
- Constant Power Driver, Constant Current Output Control Mode
- SCP,UVP,OTP,OLP Protection
- Life warning, Soft start, Light decay compensation
- Five-year warranty

### MXG-WK CLASS II, Potentiometer/Programmable Current Regulation/Auxiliary source

- CLASS II Application
- Output Power: 30-240W
- Input Voltage: 120-277Vac
- Multiple Dimming Control Options: Positive/Negative Logic Dimming, 6-Stage Timer Dimming
- IP67

A: Current Adjustable via Potentiometer  
P: Programmable 3-in-1 Dimming + Timer Dimming

CE / CCC / SAA / ENEC / CB

### MXG-T CAT.1 Intelligent Integrated LED driver

- CAT.1 Integrated control module
- Input Voltage: 100-277Vac
- Output Power: 60W-320W
- Applicable Scenario: Discrete single-point transmission
- Networking Method: Operator base station networking
- Multi-operator flexibility/Wide coverage with stable, high-speed transmission & low latency
- Secure and reliable data transmission & No wiring required
- IP67

T: CAT.1 communication

CCC / CB / CE

### MXG Potentiometer/Programmable Current Regulation/Auxiliary source/Overvoltage protection

- Input Voltage: 120-277Vac
- Output Power: 30W-750W
- Class I Structure
- Optional: Input Overvoltage Protection Version
- Multiple Dimming Control Options: Positive/Negative Logic Dimming, 6-Stage Timer Dimming

A: Current Adjustable via Potentiometer  
P: Programmable 3-in-1 Dimming + Timer Dimming  
X: Programmable 3-in-1 Dimming + Auxiliary Source

CB / CE / CCC / SAA / ENEC / ERE / FC / CLASS P / UL / ENEC

### MXG-D DALI-2 + Auxiliary source

- Class I Structure
- Supports DALI-2 + 12V Auxiliary source
- Input Voltage: 120-277Vac
- Output Power: 50-240W
- IP67

DX: DALI-2 + Auxiliary source

DALI / CE / CCC / ENEC / SAA / ERE / CB

### MXG-L LORA Intelligent Integrated LED driver

- LORA Integrated control module
- Output Power: 60W-320W
- Input Voltage: 100-277Vac
- Applicable Scenario: Regional complex scenarios
- Networking Method: LoRa gateway-based
- Low power consumption / High sensitivity / Low cost
- Strong anti-interference capability / High-capacity network
- IP67

L: LORA communication

CCC / CB / CE

## MXG/MXG-K Potentiometer/Programmable Current Regulation/Auxiliary source/Overvoltage protection

| Power | Model No                 | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 30W   | DL-30W/WK-V56A/P/X-MXG   | 30W          | 120-277V      | 25-56V         | 30-56V                 | 0.30-1.00A     | 85.0%      | 0.95                  | 6/15KV                      | 110*63*32mm  |
| 50W   | DL-50W/WK-V56A/P/X-MXG   | 50W          | 120-277V      | 25-56V         | 30-56V                 | 0.60-1.70A     | 89.0%      | 0.95                  | 6/15KV                      | 110*63*32mm  |
|       | DL-50W/WK-V72A/P/X-MXG   | 50W          | 120-277V      | 36-72V         | 48-72V                 | 0.50-1.05A     | 89.0%      | 0.95                  | 6/15KV                      | 110*63*32mm  |
| 75W   | DL-75W/WK-V56A/P/X-MXG   | 75W          | 120-277V      | 25-56V         | 36-56V                 | 0.85-2.10A     | 88.0%      | 0.95                  | 6/15KV                      | 138*63*32mm  |
|       | DL-75W/WK-V108A/P/X-MXG  | 75W          | 120-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 89.0%      | 0.95                  | 6/15KV                      | 138*63*32mm  |
| 100W  | DL-100W/WK-V56A/P/X-MXG  | 100W         | 120-277V      | 25-56V         | 36-56V                 | 1.30-2.80A     | 89.5%      | 0.95                  | 6/15KV                      | 153*63*32mm  |
|       | DL-100W/WK-V143A/P/X-MXG | 100W         | 120-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 91.0%      | 0.95                  | 6/15KV                      | 153*63*32mm  |
| 150W  | DL-150W/WK-V56A/P/X-MXG  | 150W         | 120-277V      | 25-56V         | 36-56V                 | 1.70-4.20A     | 91.3%      | 0.95                  | 6/15KV                      | 186*63*32mm  |
|       | DL-150W/WK-V214A/P/X-MXG | 150W         | 120-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 92.3%      | 0.95                  | 6/15KV                      | 186*63*32mm  |
| 200W  | DL-200W/WK-V56A/P/X-MXG  | 200W         | 120-277V      | 25-56V         | 36-56V                 | 2.60-5.60A     | 92.0%      | 0.95                  | 6/15KV                      | 199*63*37mm  |
|       | DL-200W/WK-V286A/P/X-MXG | 200W         | 120-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 93.5%      | 0.95                  | 6/15KV                      | 199*63*37mm  |
| 240W  | DL-240W/WK-V56A/P/X-MXG  | 240W         | 120-277V      | 25-56V         | 36-56V                 | 3.50-6.70A     | 92.0%      | 0.95                  | 6/15KV                      | 217*63*37mm  |
|       | DL-240W/WK-V343A/P/X-MXG | 240W         | 120-277V      | 171-343V       | 228-343V               | 0.5-1.05A      | 94.0%      | 0.95                  | 6/15KV                      | 217*63*37mm  |
| 320W  | DL-320W-V56X-MXG         | 320W         | 120-277V      | 25-56V         | 42-56V                 | 4.20-7.65A     | 93.0%      | 0.97                  | 6/15KV                      | 244*83*40mm  |
|       | DL-320W-V428X-MXG        | 320W         | 120-277V      | 228-428V       | 304-428V               | 0.75-1.05A     | 95.0%      | 0.97                  | 6/15KV                      | 244*83*40mm  |
| 400W  | DL-400W-V56X-MXG         | 400W         | 120-277V      | 25-56V         | 46-56V                 | 5.70-8.70A     | 93.0%      | 0.95                  | 6/15KV                      | 244*83*40mm  |
|       | DL-400W-V428X-MXG        | 400W         | 120-277V      | 228-428V       | 286-428V               | 0.75-1.40A     | 94.0%      | 0.95                  | 6/15KV                      | 244*83*40mm  |
| 500W  | DL-500W-V56X-MXG         | 500W         | 120-277V      | 25-56V         | 46-56V                 | 5.70-10.80A    | 94.0%      | 0.97                  | 6/15KV                      | 266*95*44mm  |
|       | DL-500W-V428X-MXG        | 500W         | 120-277V      | 228-428V       | 357-428V               | 0.75-1.40A     | 94.0%      | 0.97                  | 6/15KV                      | 266*95*44mm  |
| 600W  | DL-600W-V56X-MXG         | 600W         | 120-277V      | 25-56V         | 46-56V                 | 7.10-13.00A    | 95.0%      | 0.97                  | 6/15KV                      | 280*130*45mm |
|       | DL-600W-V428X-MXG        | 600W         | 120-277V      | 276-428V       | 357-428V               | 0.93-1.68A     | 95.0%      | 0.97                  | 6/15KV                      | 280*130*45mm |
| 680W  | DL-680W-V56X-MXG         | 680W         | 120-277V      | 25-56V         | 46-56V                 | 8.90-14.80A    | 94.0%      | 0.97                  | 6/15KV                      | 396*95*44mm  |
|       | DL-680W-V428X-MXG        | 680W         | 120-277V      | 223-428V       | 357-428V               | 1.30-1.90A     | 94.0%      | 0.97                  | 6/15KV                      | 396*95*44mm  |
| 720W  | DL-720W-V56X-MXG         | 720W         | 120-277V      | 25-56V         | 46-56V                 | 10.70-15.70A   | 95.0%      | 0.97                  | 6/15KV                      | 310*130*45mm |
|       | DL-720W-V428X-MXG        | 720W         | 120-277V      | 285-428V       | 342-428V               | 1.40-2.10A     | 95.0%      | 0.97                  | 6/15KV                      | 310*130*45mm |
| 750W  | DL-750W-V56X-MXG         | 750W         | 120-277V      | 25-56V         | 46-56V                 | 11.60-18.00A   | 94.0%      | 0.97                  | 6/15KV                      | 396*95*44mm  |
|       | DL-750W-V428X-MXG        | 750W         | 120-277V      | 323-428V       | 357-428V               | 1.52-2.10A     | 95.0%      | 0.97                  | 6/15KV                      | 396*95*44mm  |

A: Current Adjustable via Potentiometer P: Programmable 3-in-1 Dimming + Timer Dimming X: Programmable 3-in-1 Dimming + Auxiliary Source  
WK: Programmable 3-in-1 Dimming + Timer Dimming + CLASS II

### MXG-D DALI-2 + Auxiliary source

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 50W   | DL-50W-V56DX-MXG   | 50W          | 120-277V      | 25-56V         | 30-56V                 | 0.60-1.70A     | 89.0%      | 0.95                  | 6/15KV                      | 110*63*32mm  |
|       | DL-50W-V72DX-MXG   | 50W          | 120-277V      | 36-72V         | 48-72V                 | 0.50-1.05A     | 89.0%      | 0.95                  | 6/15KV                      | 110*63*32mm  |
| 75W   | DL-75W-V56DX-MXG   | 75W          | 120-277V      | 25-56V         | 36-56V                 | 0.85-2.10A     | 89.0%      | 0.95                  | 6/15KV                      | 138*63*32mm  |
|       | DL-75W-V108DX-MXG  | 75W          | 120-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 90.0%      | 0.95                  | 6/15KV                      | 138*63*32mm  |
| 100W  | DL-100W-V56DX-MXG  | 100W         | 120-277V      | 25-56V         | 36-56V                 | 1.30-2.80A     | 91.0%      | 0.95                  | 6/15KV                      | 153*63*32mm  |
|       | DL-100W-V143DX-MXG | 100W         | 120-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 91.0%      | 0.95                  | 6/15KV                      | 153*63*32mm  |
| 150W  | DL-150W-V56DX-MXG  | 150W         | 120-277V      | 25-56V         | 36-56V                 | 1.80-4.20A     | 92.0%      | 0.95                  | 6/15KV                      | 186*63*32mm  |
|       | DL-150W-V214DX-MXG | 150W         | 120-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 92.0%      | 0.95                  | 6/15KV                      | 186*63*32mm  |
| 200W  | DL-200W-V56DX-MXG  | 200W         | 120-277V      | 25-56V         | 36-56V                 | 2.60-5.60A     | 93.5%      | 0.95                  | 6/15KV                      | 199*63*37mm  |
|       | DL-200W-V286DX-MXG | 200W         | 120-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 93.5%      | 0.95                  | 6/15KV                      | 199*63*37mm  |
| 240W  | DL-240W-V56DX-MXG  | 240W         | 120-277V      | 25-56V         | 36-56V                 | 3.50-6.70A     | 94.0%      | 0.95                  | 6/15KV                      | 217*63*37mm  |
|       | DL-240W-V343DX-MXG | 240W         | 120-277V      | 171-343V       | 228-343V               | 0.50-1.05A     | 94.0%      | 0.95                  | 6/15KV                      | 217*63*37mm  |

DX: DALI-2 + Auxiliary source

**MXG-T** CAT.1 Intelligent Integrated LED driver

| Power | Model No         | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 50W   | DL-50Z-56T-MXG   | 50W          | 100-277V      | 25-56V         | 36-56V                 | 0.70-1.40A     | 89.0%      | 0.97                  | 6/10KV                      | 165*68*37mm  |
| 60W   | DL-60Z-56T-MXG   | 60W          | 100-277V      | 25-56V         | 30-56V                 | 0.70-2.00A     | 89.0%      | 0.97                  | 6/10KV                      | 165*68*37mm  |
|       | DL-60Z-86T-MXG   | 60W          | 100-277V      | 36-72V         | 58-86V                 | 0.50-1.05A     | 89.0%      | 0.97                  | 6/10KV                      | 165*68*37mm  |
| 75W   | DL-75Z-56T-MXG   | 75W          | 100-277V      | 25-56V         | 36-56V                 | 0.85-2.10A     | 89.0%      | 0.95                  | 6/10KV                      | 165*68*37mm  |
|       | DL-75Z-108T-MXG  | 75W          | 100-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 89.0%      | 0.95                  | 6/10KV                      | 165*68*37mm  |
| 100W  | DL-100Z-56T-MXG  | 100W         | 100-277V      | 25-56V         | 36-56V                 | 1.30-2.80A     | 90.0%      | 0.95                  | 6/10KV                      | 165*68*37mm  |
|       | DL-100Z-143T-MXG | 100W         | 100-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 90.0%      | 0.95                  | 6/10KV                      | 165*68*37mm  |
| 150W  | DL-150Z-56T-MXG  | 150W         | 100-277V      | 25-56V         | 36-56V                 | 1.70-4.20A     | 93.0%      | 0.95                  | 6/10KV                      | 185*68*37mm  |
|       | DL-150Z-214T-MXG | 150W         | 100-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 93.0%      | 0.95                  | 6/10KV                      | 185*68*37mm  |
| 200W  | DL-200Z-56T-MXG  | 200W         | 100-277V      | 25-56V         | 36-56V                 | 2.60-5.60A     | 93.0%      | 0.95                  | 6/10KV                      | 225*68*37mm  |
|       | DL-200Z-286T-MXG | 200W         | 100-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 93.0%      | 0.95                  | 6/10KV                      | 225*68*37mm  |
| 240W  | DL-240Z-56T-MXG  | 240W         | 100-277V      | 25-56V         | 36-56V                 | 3.50-6.70A     | 94.0%      | 0.95                  | 6/10KV                      | 225*68*37mm  |
|       | DL-240Z-343T-MXG | 240W         | 100-277V      | 171-343V       | 228-343V               | 0.50-1.05A     | 94.0%      | 0.95                  | 6/10KV                      | 225*68*37mm  |
| 320W  | DL-320Z-56T-MXG  | 320W         | 100-277V      | 25-56V         | 42-56V                 | 4.20-7.65A     | 94.0%      | 0.95                  | 6/10KV                      | 200*83*40mm  |
|       | DL-320Z-428T-MXG | 320W         | 100-277V      | 228-428V       | 304-428V               | 0.70-1.05A     | 94.0%      | 0.95                  | 6/10KV                      | 200*83*40mm  |

**MXG-L** LORA Intelligent Integrated LED driver

| Power | Model No         | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 60W   | DL-60Z-56L-MXG   | 60W          | 100-277V      | 25-56V         | 30-56V                 | 0.70-2.00A     | 89.0%      | 0.97                  | 6/10KV                      | 150*68*32mm  |
|       | DL-60Z-86L-MXG   | 60W          | 100-277V      | 36-72V         | 58-86V                 | 0.50-1.05A     | 89.0%      | 0.97                  | 6/10KV                      | 150*68*32mm  |
| 75W   | DL-75Z-56L-MXG   | 75W          | 100-277V      | 25-56V         | 36-56V                 | 0.85-2.10A     | 90.0%      | 0.95                  | 6/10KV                      | 165*68*37mm  |
|       | DL-75Z-108L-MXG  | 75W          | 100-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 90.0%      | 0.95                  | 6/10KV                      | 165*68*37mm  |
| 100W  | DL-100Z-56L-MXG  | 100W         | 100-277V      | 25-56V         | 36-56V                 | 1.30-2.80A     | 90.0%      | 0.95                  | 6/10KV                      | 165*68*37mm  |
|       | DL-100Z-143L-MXG | 100W         | 100-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 90.0%      | 0.95                  | 6/10KV                      | 165*68*37mm  |
| 150W  | DL-150Z-56L-MXG  | 150W         | 100-277V      | 25-56V         | 36-56V                 | 1.70-4.20A     | 92.0%      | 0.95                  | 6/10KV                      | 185*68*37mm  |
|       | DL-150Z-214L-MXG | 150W         | 100-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 92.0%      | 0.95                  | 6/10KV                      | 185*68*37mm  |
| 200W  | DL-200Z-56L-MXG  | 200W         | 100-277V      | 25-56V         | 36-56V                 | 2.60-5.60A     | 93.0%      | 0.95                  | 6/10KV                      | 225*68*37mm  |
|       | DL-200Z-286L-MXG | 200W         | 100-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 93.0%      | 0.95                  | 6/10KV                      | 225*68*37mm  |
| 240W  | DL-240Z-56L-MXG  | 240W         | 100-277V      | 25-56V         | 36-56V                 | 3.50-6.70A     | 94.0%      | 0.95                  | 6/10KV                      | 225*68*37mm  |
|       | DL-240Z-343L-MXG | 240W         | 100-277V      | 171-343V       | 228-343V               | 0.50-1.05A     | 94.0%      | 0.95                  | 6/10KV                      | 225*68*37mm  |
| 320W  | DL-320Z-56L-MXG  | 320W         | 100-277V      | 25-56V         | 42-56V                 | 4.20-7.65A     | 94.0%      | 0.95                  | 6/10KV                      | 200*83*40mm  |
|       | DL-320Z-428L-MXG | 320W         | 100-277V      | 228-428V       | 304-428V               | 0.70-1.05A     | 94.0%      | 0.95                  | 6/10KV                      | 200*83*40mm  |



**MDK** Road / Horticulture / UV Curing Lighting LED Driver



**PRODUCT FEATURES**

- Family series products
- Efficiency up to 96%
- Class I Structure
- Lightning protection: 6/10KV
- Metal housing, IP42
- Constant Power Driver, Constant Current Output Control Mode
- SCP,UVP,OTP,OLP Protection
- Life warning, Soft start, Light decay compensation
- Five-year warranty

**MDK** IP42, Potentiometer/Programmable/Auxiliary Source + Electronic wire

- Built-in Application
- Offline Programming/Auxiliary Output
- Input Voltage: 120-277Vac
- Output Power: 30W-240W
- 6-Stage Timer Dimming
- Optional: compliance with the Turkish TEDAS standard

**A:** Current Adjustable via Potentiometer  
**P:** Programmable 3-in-1 Dimming + Timer Dimming  
**X:** Programmable 3-in-1 Dimming + Auxiliary Source

CB / CE / CCC / ENEC / ENEC / FC / CLASS P / RoHS

**MDK** IP42, Potentiometer/Programmable/Auxiliary source + Electronic wire

| Power | Model No              | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|-----------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 30W   | DL-30W-V56A/P/X-MDK   | 30W          | 120-277V      | 25-56V         | 30-56V                 | 0.30-1.00A     | 85.0%      | 0.95                  | 6/10KV                      | 119*57*32mm  |
| 50W   | DL-50W-V56A/P/X-MDK   | 50W          | 120-277V      | 25-56V         | 30-56V                 | 0.40-1.70A     | 89.0%      | 0.95                  | 6/10KV                      | 119*57*32mm  |
|       | DL-50W-V72A/P/X-MDK   | 50W          | 120-277V      | 36-72V         | 48-72V                 | 0.50-1.05A     | 89.0%      | 0.97                  | 6/10KV                      | 119*57*32mm  |
| 75W   | DL-75W-V56A/P/X-MDK   | 75W          | 120-277V      | 25-56V         | 30-56V                 | 0.85-2.10A     | 89.0%      | 0.95                  | 6/10KV                      | 138*57*32mm  |
|       | DL-75W-V108A/P/X-MDK  | 75W          | 120-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 90.0%      | 0.97                  | 6/10KV                      | 138*57*32mm  |
| 100W  | DL-100W-V56A/P/X-MDK  | 100W         | 120-277V      | 25-56V         | 36-56V                 | 1.30-2.80A     | 89.5%      | 0.95                  | 6/10KV                      | 153*57*32mm  |
|       | DL-100W-V143A/P/X-MDK | 100W         | 120-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 91.0%      | 0.97                  | 6/10KV                      | 153*57*32mm  |
| 150W  | DL-150W-V56A/P/X-MDK  | 150W         | 120-277V      | 25-56V         | 36-56V                 | 1.70-4.20A     | 91.3%      | 0.95                  | 6/10KV                      | 186*57*32mm  |
|       | DL-150W-V214A/P/X-MDK | 150W         | 120-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 92.0%      | 0.97                  | 6/10KV                      | 186*57*32mm  |
| 200W  | DL-200W-V56A/P/X-MDK  | 200W         | 120-277V      | 25-56V         | 36-56V                 | 2.60-5.60A     | 92.0%      | 0.95                  | 6/10KV                      | 199*57*37mm  |
|       | DL-200W-V286A/P/X-MDK | 200W         | 120-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 93.5%      | 0.98                  | 6/10KV                      | 199*57*37mm  |
| 240W  | DL-240W-V56A/P/X-MDK  | 240W         | 120-277V      | 25-56V         | 36-56V                 | 3.50-6.70A     | 93.0%      | 0.95                  | 6/10KV                      | 217*57*37mm  |
|       | DL-240W-V343A/P/X-MDK | 240W         | 120-277V      | 171-343V       | 228-343V               | 0.50-1.05A     | 94.5%      | 0.98                  | 6/10KV                      | 217*57*37mm  |

**A:** Current Adjustable via Potentiometer

**P:** Programmable 3-in-1 Dimming + Timer Dimming

**X:** Programmable 3-in-1 Dimming + Auxiliary Source

# MXL Road/Municipal Lighting LED driver/Potentiometer /Programmable Current Regulation



## PRODUCT FEATURES

- High power density, compact construction design
- Input voltage: 100-277Vac
- Isolated bipolar design with no strobe function
- Lifetime warning, Soft start, Light decay compensation
- SCP, OVP, OTP, OCP protection
- Five-year warranty

### MXL-Z 100-277V Potentiometer/Programmable Current Regulation

- Input Voltage: 100-277V, Full load at low voltage (100V)
- Constant power driver, constant current output control mode
- Lightning protection: differential mode 4KV, common mode 6KV (≤ 60W)
- Lightning protection: differential mode 6KV, common mode 10KV (≥ 80W)
- Class I Structure
- IP67

A: Current Adjustable via Potentiometer  
P: Programmable 3-in-1 Dimming+Timer dimming

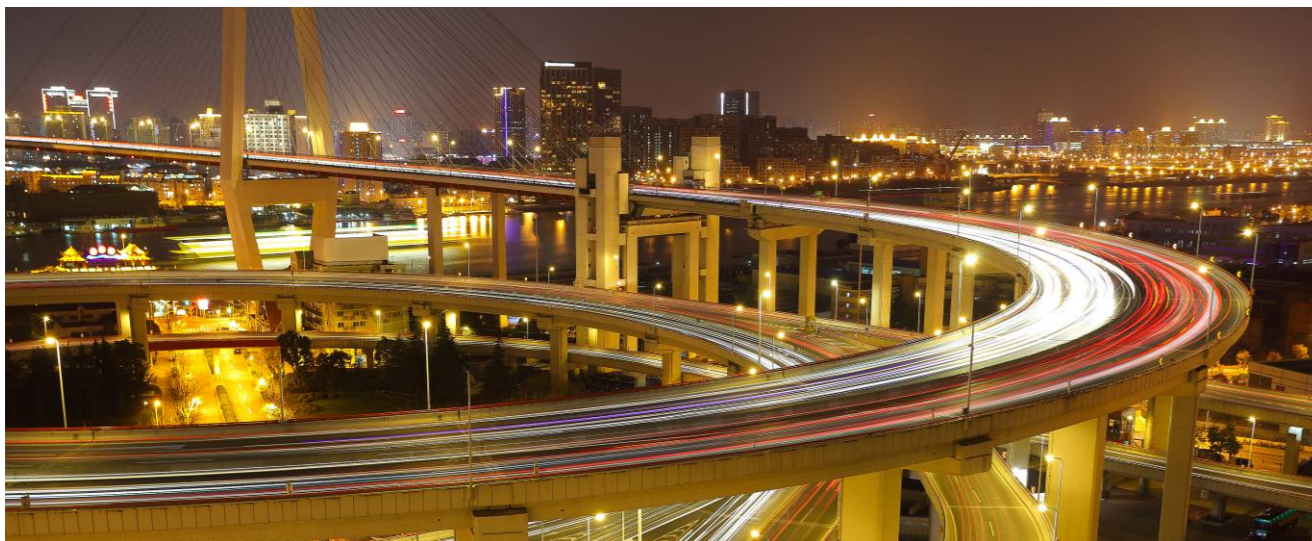
CB / CE / CCC / SAA / ENEC / IEC 61508 / FC / ENEC

### MXL-H 220-240V CLASS I/II+Programmable 0-10V/PWM/Timer dimming/DALI-2 version new

- Input Voltage: 220-240 Vac (Low-voltage output derating)
- Compatible with CLASS I /CLASS II design
- Lightning protection: differential mode 6KV, common mode 10KV
- IP67

A: Current Adjustable via Potentiometer  
P: Programmable 3-in-1 Dimming  
D: DALI-2 Dimming  
H/HK: CLASS II+Programmable 0-10V/PWM

CB / CCC / CE / ENEC



## MXL-Z 100-277V Potentiometer/Programmable Current Regulation

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 40W   | DL-40Z-56A/P-MXL   | 40W          | 100-277V      | 25-56V         | 30-56V                 | 0.45-1.34A     | 87.0%      | 0.95                  | 4/6KV                       | 105*53*33mm  |
| 50W   | DL-50Z-56A/P-MXL   | 50W          | 100-277V      | 25-56V         | 30-56V                 | 0.40-1.70A     | 88.0%      | 0.96                  | 4/6KV                       | 105*63*33mm  |
|       | DL-50Z-72A/P-MXL   | 50W          | 100-277V      | 36-72V         | 48-72V                 | 0.50-1.05A     | 89.0%      | 0.96                  | 4/6KV                       | 105*63*33mm  |
| 60W   | DL-60Z-56A/P-MXL   | 60W          | 100-277V      | 25-56V         | 30-56V                 | 0.71-2.00A     | 88.0%      | 0.97                  | 4/6KV                       | 105*63*33mm  |
|       | DL-60Z-86A/P-MXL   | 60W          | 100-277V      | 40-86V         | 57-86V                 | 0.50-1.05A     | 89.0%      | 0.97                  | 4/6KV                       | 105*63*33mm  |
| 80W   | DL-80Z-56A/P-MXL   | 80W          | 100-277V      | 25-56V         | 36-56V                 | 1.07-2.23A     | 90.0%      | 0.97                  | 6/10KV                      | 120*63*33mm  |
|       | DL-80Z-115A/P-MXL  | 80W          | 100-277V      | 57-115V        | 76-115V                | 0.50-1.05A     | 90.0%      | 0.97                  | 6/10KV                      | 120*63*33mm  |
| 100W  | DL-100Z-56A/P-MXL  | 100W         | 100-277V      | 25-56V         | 36-56V                 | 1.30-2.80A     | 90.0%      | 0.97                  | 6/10KV                      | 130*63*33mm  |
|       | DL-100Z-72A/P-MXL  | 100W         | 100-277V      | 35-72V         | 48-72V                 | 1.40-2.10A     | 90.0%      | 0.97                  | 6/10KV                      | 130*63*33mm  |
|       | DL-100Z-143A/P-MXL | 100W         | 100-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 90.0%      | 0.97                  | 6/10KV                      | 130*63*33mm  |
| 150W  | DL-150Z-56A/P-MXL  | 150W         | 100-277V      | 25-56V         | 36-56V                 | 1.70-4.20A     | 91.3%      | 0.97                  | 6/10KV                      | 165*63*33mm  |
|       | DL-150Z-107A/P-MXL | 150W         | 100-277V      | 48-107V        | 71-107V                | 1.40-2.10A     | 92.0%      | 0.97                  | 6/10KV                      | 165*63*33mm  |
|       | DL-150Z-214A/P-MXL | 150W         | 100-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 92.0%      | 0.97                  | 6/10KV                      | 165*63*33mm  |
| 200W  | DL-200Z-56A/P-MXL  | 200W         | 100-277V      | 25-56V         | 36-56V                 | 2.60-5.60A     | 92.5%      | 0.97                  | 6/10KV                      | 176*63*37mm  |
|       | DL-200Z-143A/P-MXL | 200W         | 100-277V      | 71-143V        | 95-143V                | 1.40-2.10A     | 93.0%      | 0.97                  | 6/10KV                      | 176*63*37mm  |
|       | DL-200Z-286A/P-MXL | 200W         | 100-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 93.0%      | 0.97                  | 6/10KV                      | 176*63*37mm  |
| 240W  | DL-240Z-56A/P-MXL  | 240W         | 100-277V      | 25-56V         | 36-56V                 | 3.50-6.70A     | 93.0%      | 0.97                  | 6/10KV                      | 185*63*37mm  |
|       | DL-240Z-171A/P-MXL | 240W         | 100-277V      | 85-171V        | 100-171V               | 1.40-2.40A     | 94.0%      | 0.97                  | 6/10KV                      | 185*63*37mm  |
|       | DL-240Z-343A/P-MXL | 240W         | 100-277V      | 171-343V       | 228-343V               | 0.50-1.05A     | 94.5%      | 0.97                  | 6/10KV                      | 185*63*37mm  |
| 320W  | DL-320Z-56A/P-MXL  | 320W         | 100-277V      | 25-56V         | 42-56V                 | 4.20-7.65A     | 94.0%      | 0.97                  | 6/10KV                      | 244*63*37mm  |
|       | DL-320Z-229A/P-MXL | 320W         | 100-277V      | 114-229V       | 153-229V               | 1.40-2.40A     | 94.0%      | 0.97                  | 6/10KV                      | 244*63*37mm  |
|       | DL-320Z-428A/P-MXL | 320W         | 100-277V      | 228-428V       | 304-428V               | 0.70-1.05A     | 94.0%      | 0.97                  | 6/10KV                      | 244*63*37mm  |

A: Current Adjustable via Potentiometer

P: Programmable 3-in-1 Dimming+Timer Dimming

## MXL-H 220-240V CLASS I/II+Programmable 0-10V/PWM/Timer dimming/DALI-2 version new

| 功率   | 产品型号                    | 输出功率 | 额定输入电压   | 输出电压     | 恒功率电压    | 输出电流       | 效率    | PF值 (230V) | 防雷等级   | 产品尺寸        |
|------|-------------------------|------|----------|----------|----------|------------|-------|------------|--------|-------------|
| 30W  | DL-30H/HK-56A/P/D-MXL   | 30W  | 220-240V | 25-56V   | 30-56V   | 0.45-1.00A | 88.0% | 0.98       | 6/10KV | 105*50*32mm |
| 50W  | DL-50H/HK-56A/P/D-MXL   | 50W  | 220-240V | 25-56V   | 30-56V   | 0.57-1.70A | 90.0% | 0.98       | 6/10KV | 105*50*32mm |
|      | DL-50H/HK-72A/P/D-MXL   | 50W  | 220-240V | 35-72V   | 48-72V   | 0.50-1.05A | 90.0% | 0.98       | 6/10KV | 105*50*32mm |
| 60W  | DL-60H/HK-56A/P/D-MXL   | 60W  | 220-240V | 25-56V   | 30-56V   | 0.70-2.00A | 90.0% | 0.98       | 6/10KV | 105*50*32mm |
|      | DL-60H/HK-86A/P/D-MXL   | 60W  | 220-240V | 40-86V   | 57-86V   | 0.50-1.05A | 90.0% | 0.98       | 6/10KV | 105*50*32mm |
| 80W  | DL-80H/HK-56A/P/D-MXL   | 75W  | 220-240V | 25-56V   | 36-56V   | 0.90-2.10A | 90.0% | 0.98       | 6/10KV | 121*60*32mm |
|      | DL-80H/HK-56A/P/D-MXL   | 75W  | 220-240V | 57-115V  | 76-115V  | 0.50-1.05A | 90.5% | 0.98       | 6/10KV | 121*60*32mm |
| 100W | DL-100H/HK-56A/P/D-MXL  | 100W | 220-240V | 25-56V   | 36-56V   | 1.34-2.50A | 91.0% | 0.98       | 6/10KV | 121*60*32mm |
|      | DL-100H/HK-143A/P/D-MXL | 100W | 220-240V | 71-143V  | 95-143V  | 0.50-1.05A | 91.5% | 0.98       | 6/10KV | 121*60*32mm |
| 150W | DL-150H/HK-56A/P/D-MXL  | 150W | 220-240V | 25-56V   | 36-56V   | 2.00-4.20A | 91.5% | 0.98       | 6/10KV | 151*60*32mm |
|      | DL-150H/HK-214A/P/D-MXL | 150W | 220-240V | 95-214V  | 143-214V | 0.50-1.05A | 92.5% | 0.98       | 6/10KV | 151*60*32mm |
| 200W | DL-200H/HK-56A/P/D-MXL  | 200W | 220-240V | 25-56V   | 36-56V   | 2.70-5.60A | 92.5% | 0.98       | 6/10KV | 161*60*32mm |
|      | DL-200H/HK-286A/P/D-MXL | 200W | 220-240V | 143-286V | 190-286V | 0.50-1.05A | 93.5% | 0.98       | 6/10KV | 161*60*32mm |
| 250W | DL-250H/HK-56A/P/D-MXL  | 250W | 220-240V | 25-56V   | 36-56V   | 3.50-6.95A | 93.0% | 0.98       | 6/10KV | 171*60*37mm |
|      | DL-250H/HK-357A/P/D-MXL | 250W | 220-240V | 171-357V | 228-357V | 0.50-1.05A | 94.0% | 0.98       | 6/10KV | 171*60*37mm |
| 320W | DL-320H/HK-56A/P/D-MXL  | 320W | 220-240V | 25-56V   | 42-56V   | 4.20-7.65A | 93.5% | 0.98       | 6/10KV | 201*60*37mm |
|      | DL-320H/HK-428A/P/D-MXL | 320W | 220-240V | 228-428V | 304-428V | 0.50-1.05A | 94.5% | 0.98       | 6/10KV | 201*60*37mm |

A: Current Adjustable via Potentiometer

P: Programmable 3-in-1 Dimming

D: DALI-2 Dimming

H/HK: CLASS II+Programmable 0-10V/PWM

# MXK European Road lighting LED driver



## PRODUCT FEATURES

- Compatible with CLASS I / II, Built-in application
- Comply with the Zhaga interface BOOK13 standard
- Comply with the Zhaga interface BOOK24 NFC standard
- Input voltage: 200-277Vac
- The dimming scheme of DALI-2/D4i/1-10V is optional
- The entire series support NFC Programming
- The entire series support timer dimming
- Standby power <0.5W
- Lightning protection: differential mode 6KV, common mode 10KV
- IP20, suitable for outdoor lighting applications with IP>54
- Turkey Tedas Version
- Lifetime warning, Soft start, Light decay compensation
- SCP,OVP,UVP,OTP,OCP protection
- Five to eight years of warranty

### MXK-FP NFC+Programmable0-10V/PWM/Timer dimming

- Input voltage: 200-277Vac
- Output power: 22W-200W
- Programmable 0-10V/PWM/Timer Dimming
- Start-up time: 300ms - 700ms (Full Load @230Vac)

CB / CE / SAA / / ENEC

FP: Programmable 0-10V/PWM/Timer dimming+ NFC

### MXK-FD NFC+DALI-2+Programmable+Auxiliary Source

- Input voltage: 200-277Vac
- Output power: 22W-200W
- DALI-2 Certified
- Auxiliary Output: 24V/125mA

CB / CE / SAA / / / ENEC

FD: Programmable DALI-2/Timer Dimming+24V/125mA+ NFC

### MXK-FX NFC+Programmable0-10V/PWM/Timer dimming +Auxiliary source

- Input voltage: 200-277Vac
- Output power: 22W-200W
- Programmable 0-10V/PWM/Timer Dimming
- Auxiliary Output 24V/125mA

CB / CE / SAA / / ENEC

FX: Programmable 0-10V/PWM/Timer dimming+ 24V/125mA+NFC

### MXK-GX NFC+DALI-2&D4i+Programmable+Auxiliary Source

- Input voltage: 200-277Vac
- Output power: 22W-200W
- DALI-2/D4i Certified
- Auxiliary Output 24V/125mA
- Supports Part 150/250/251/252/253
- Built-in 16V bus LED Driver
- External NTC Support

CB / CE / SAA / / / / ENEC

GX: Programmable DALI-2/Timer Dimming+D4i+24V/125mA+NFC

### MXK-FP NFC+Programmable0-10V/PWM/Timer dimming

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 22W   | DL-22H-V32FP-MXK   | 22W          | 200-277V      | 8-32V          | 21-32V                 | 0.50-1.05A     | 87.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 40W   | DL-40H-V58FP-MXK   | 40W          | 200-277V      | 25-58V         | 38-58V                 | 0.50-1.05A     | 87.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 60W   | DL-60H-V86FP-MXK   | 60W          | 200-277V      | 38-86V         | 58-86V                 | 0.50-1.05A     | 89.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 80W   | DL-80H-V115FP-MXK  | 80W          | 200-277V      | 46-115V        | 76-115V                | 0.50-1.05A     | 89.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 110W  | DL-110H-V158FP-MXK | 110W         | 200-277V      | 76-158V        | 105-158V               | 0.50-1.05A     | 91.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 165W  | DL-165H-V235FP-MXK | 165W         | 200-277V      | 104-235V       | 157-235V               | 0.50-1.05A     | 93.0%      | 0.95                  | 6/10KV                      | 171*101*39mm |
| 200W  | DL-200H-V286FP-MXK | 200W         | 200-277V      | 157-286V       | 190-286V               | 0.50-1.05A     | 93.5%      | 0.95                  | 6/10KV                      | 171*101*39mm |

FP: Programmable 0-10V/PWM/Timer dimming+ NFC

### MXK-FX NFC+Programmable0-10V/PWM/Timer dimming+ Auxiliary source

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 22W   | DL-22H-V32FX-MXK   | 22W          | 200-277V      | 8-32V          | 21-32V                 | 0.50-1.05A     | 87.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 40W   | DL-40H-V58FX-MXK   | 40W          | 200-277V      | 25-58V         | 38-58V                 | 0.50-1.05A     | 87.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 60W   | DL-60H-V86FX-MXK   | 60W          | 200-277V      | 38-86V         | 58-86V                 | 0.50-1.05A     | 89.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 80W   | DL-80H-V115FX-MXK  | 80W          | 200-277V      | 46-115V        | 76-115V                | 0.50-1.05A     | 89.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 110W  | DL-110H-V158FX-MXK | 110W         | 200-277V      | 76-158V        | 105-158V               | 0.50-1.05A     | 91.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 165W  | DL-165H-V235FX-MXK | 165W         | 200-277V      | 104-235V       | 157-235V               | 0.50-1.05A     | 93.0%      | 0.95                  | 6/10KV                      | 171*101*39mm |
| 200W  | DL-200H-V286FX-MXK | 200W         | 200-277V      | 157-286V       | 190-286V               | 0.50-1.05A     | 93.5%      | 0.95                  | 6/10KV                      | 171*101*39mm |

FX: Programmable 0-10V/PWM/Timer dimming+ 24V/125mA+NFC

### MXK-FD NFC+DALI-2+Programmable+Auxiliary Source

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 22W   | DL-22H-V32FD-MXK   | 22W          | 200-277V      | 8-32V          | 21-32V                 | 0.50-1.05A     | 87.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 40W   | DL-40H-V58FD-MXK   | 40W          | 200-277V      | 25-58V         | 38-58V                 | 0.50-1.05A     | 87.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 60W   | DL-60H-V86FD-MXK   | 60W          | 200-277V      | 38-86V         | 58-86V                 | 0.50-1.05A     | 89.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 80W   | DL-80H-V115FD-MXK  | 80W          | 200-277V      | 46-115V        | 76-115V                | 0.50-1.05A     | 89.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 110W  | DL-110H-V158FD-MXK | 110W         | 200-277V      | 76-158V        | 105-158V               | 0.50-1.05A     | 91.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 165W  | DL-165H-V235FD-MXK | 165W         | 200-277V      | 104-235V       | 157-235V               | 0.50-1.05A     | 93.0%      | 0.95                  | 6/10KV                      | 171*101*39mm |
| 200W  | DL-200H-V286FD-MXK | 200W         | 200-277V      | 157-286V       | 190-286V               | 0.50-1.05A     | 93.5%      | 0.95                  | 6/10KV                      | 171*101*39mm |

FD: Programmable DALI-2/Timer dimming+24V/125mA+NFC

### MXK-GX NFC+DALI-2&D4i+Programmable+Auxiliary Source

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 22W   | DL-22H-V32GX-MXK   | 22W          | 200-277V      | 8-32V          | 21-32V                 | 0.50-1.05A     | 87.0%      | 0.95                  | 6/10KV                      | 133*77*33mm  |
| 40W   | DL-40H-V58GX-MXK   | 40W          | 200-277V      | 25-58V         | 38-58V                 | 0.50-1.05A     | 87.0%      | 0.97                  | 6/10KV                      | 133*77*33mm  |
| 60W   | DL-60H-V86GX-MXK   | 60W          | 200-277V      | 38-86V         | 58-86V                 | 0.50-1.05A     | 90.0%      | 0.97                  | 6/10KV                      | 133*77*33mm  |
| 80W   | DL-80H-V115GX-MXK  | 80W          | 200-277V      | 46-115V        | 76-115V                | 0.50-1.05A     | 90.0%      | 0.97                  | 6/10KV                      | 133*77*33mm  |
| 110W  | DL-110H-V158GX-MXK | 110W         | 200-277V      | 76-158V        | 105-158V               | 0.50-1.05A     | 91.0%      | 0.97                  | 6/10KV                      | 133*77*33mm  |
| 165W  | DL-165H-V235GX-MXK | 165W         | 200-277V      | 104-235V       | 157-235V               | 0.50-1.05A     | 94.0%      | 0.98                  | 6/10KV                      | 171*101*39mm |
| 200W  | DL-200H-V286GX-MXK | 200W         | 200-277V      | 157-286V       | 190-286V               | 0.50-1.05A     | 93.5%      | 0.99                  | 6/10KV                      | 171*101*39mm |

GX: Programmable DALI-2/Timer dimming+D4i+24V/125mA+NFC

# MUG/MTG North American Road/Landscape lighting LED driver



## MUG North American 277-480V Programmable 0-10V/PWM/Timer dimming

- Ultra-High Input Voltage
- Input voltage: 277-480Vac
- Output power: 100-800W
- IP67

P: Programmable 3-in-1 Dimming+Timer Dimming

X: Programmable 3-in-1 Dimming+Auxiliary source

J: 0-10V / PWM Dimming + RJ12 / RJ25 Network Port + Knob

JS: 0-10V / PWM Dimming + RJ12 / RJ25 Network Port + Knob + Socket

CB / CE / EAC / CLASS P / FC

## MTG North America Class II 3-in-1 Dimming/Auxiliary Source

- Class II Application, One-Touch Programming
- Input Voltage: 100-277Vac
- Output Power: 30-100W
- Standby power consumption ≤ 0.5W when dimmed off (X Version only)
- Lightning protection: differential mode 6KV, common mode 10KV
- Constant power driver, constant current output control mode
- IP65

S: 3-in-1 Dimming

X: 3-in-1 Dimming+Auxiliary source

CB / CE / EAC / CLASS P / FC

## MUG North American 277-480V Programmable 0-10V/PWM/Timer dimming

| Power | Model No             | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|----------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 100W  | DL-100U-V56P-MUG     | 100W         | 277-480V      | 25-56V         | 36-56V                 | 0.80-2.80A     | 90.0%      | 0.95                  | 6/10KV                      | 200*68*37mm  |
|       | DL-100U-V143P-MUG    | 100W         | 277-480V      | 71-143V        | 95-143V                | 0.50-1.05A     | 90.0%      | 0.95                  | 6/10KV                      | 200*68*37mm  |
| 150W  | DL-150U-V56P-MUG     | 150W         | 277-480V      | 25-56V         | 36-56V                 | 1.70-2.40A     | 91.0%      | 0.95                  | 6/10KV                      | 200*68*37mm  |
|       | DL-150U-V214P-MUG    | 150W         | 277-480V      | 95-214V        | 143-214V               | 0.50-1.05A     | 92.0%      | 0.95                  | 6/10KV                      | 200*68*37mm  |
| 240W  | DL-240U-V56P-MUG     | 240W         | 277-480V      | 25-56V         | 36-56V                 | 2.60-6.70A     | 92.0%      | 0.95                  | 6/10KV                      | 230*68*37mm  |
|       | DL-240U-V343P-MUG    | 240W         | 277-480V      | 171-343V       | 228-343V               | 0.50-1.05A     | 92.0%      | 0.95                  | 6/10KV                      | 230*68*37mm  |
| 320W  | DL-320U-V56P-MUG     | 320W         | 277-480V      | 25-56V         | 36-56V                 | 4.20-7.65A     | 93.50%     | 0.95                  | 6/10KV                      | 244*83*40mm  |
|       | DL-320U-V428P-MUG    | 320W         | 277-480V      | 228-428V       | 304-428V               | 0.50-1.05A     | 94.0%      | 0.95                  | 6/10KV                      | 244*83*40mm  |
| 600W  | DL-600U-56X/J/JS-MUG | 600W         | 277-480V      | 25-56V         | 46-56V                 | 7.10-13.00A    | 94.0%      | 0.97                  | 6/10KV                      | 290*130*45mm |
|       | DL-600U-428X-MUG     | 600W         | 277-480V      | 276-428V       | 357-428V               | 0.93-1.68A     | 95.0%      | 0.97                  | 6/10KV                      | 290*130*45mm |
| 800W  | DL-800U-56X/J/JS-MUG | 800W         | 277-480V      | 25-56V         | 46-56V                 | 10.70-17.40A   | 95.0%      | 0.97                  | 6/10KV                      | 290*130*45mm |
|       | DL-800U-428X-MUG     | 800W         | 277-480V      | 222-428V       | 296-428V               | 1.40-2.70A     | 96.0%      | 0.97                  | 6/10KV                      | 290*130*45mm |

P: Programmable 3-in-1 Dimming+Timer Dimming

J: 0-10V / PWM Dimming + RJ12 / RJ25 Network Port + Knob

X: Programmable 3-in-1 Dimming+Auxiliary source

J: 0-10V / PWM Dimming + RJ12 / RJ25 Network Port + Knob + Socket

## MTG North America Class II 3-in-1 Dimming/Auxiliary Source

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 30W   | DL-30W-V48S/X-MTG  | 30W          | 100-277V      | 25-48V         | 36-48V                 | 0.21-0.84A     | 85.0%      | 0.95                  | 6/10KV                      | 157*48*31.5mm |
| 50W   | DL-50W-V48S/X-MTG  | 50W          | 100-277V      | 25-48V         | 36-48V                 | 0.625-1.40A    | 88.5%      | 0.95                  | 6/10KV                      | 157*48*31.5mm |
| 75W   | DL-75W-V48S/X-MTG  | 75W          | 100-277V      | 25-48V         | 36-48V                 | 1.00-2.10A     | 89.5%      | 0.95                  | 6/10KV                      | 175*48*31.5mm |
| 100W  | DL-100W-V48S/X-MTG | 100W         | 100-277V      | 25-48V         | 36-48V                 | 1.50-2.80A     | 90.0%      | 0.95                  | 6/10KV                      | 206*48*31.5mm |

S: 3-in-1 Dimming

X: 3-in-1 Dimming+Auxiliary source

# MXC Road/Municipal/Explosion-proof Lighting LED Driver / Potentiometer/Programmable Current Regulation



## PRODUCT FEATURES

- High power density, compact structure design
- Input voltage: 100-277Vac, derating protection below 180Vac
- Low-current, high-output voltage version available: 0.5-1.05A
- Lightning protection: 4/6 KV, 6/15 KV
- IP67
- Supports offline programming, positive/negative logic dimming, 6-segment timing dimming, etc.
- Lifetime warning, Soft start, Light decay compensation
- SCP, OVP, OTP, UVP Protection
- Five-year warranty

A: Current Adjustable via Potentiometer

P: Programmable 3-in-1 Dimming+Timer Dimming

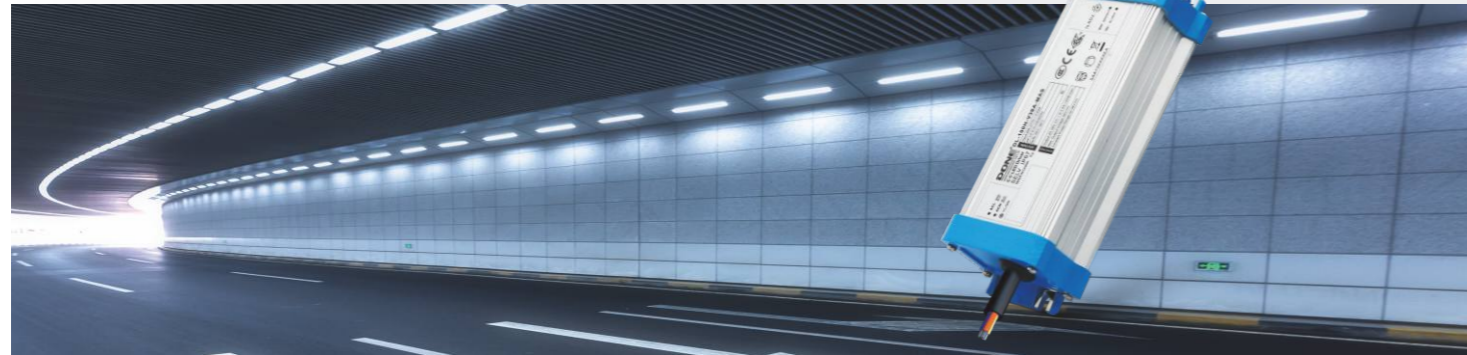
CB / CE / EAC / SAA / FC / EAC

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 40W   | DL-40H-56A/P-MXC   | 40W          | 100-277V      | 25-56V         | 30-56V                 | 0.45-1.34A     | 87.0%      | 0.95                  | 4/6KV                       | 105*53*27mm   |
| 50W   | DL-50H-56A/P-MXC   | 50W          | 100-277V      | 25-56V         | 30-56V                 | 0.57-1.70A     | 87.5%      | 0.95                  | 4/6KV                       | 105*53*27mm   |
|       | DL-50H-72A/P-MXC   | 50W          | 100-277V      | 36-72V         | 48-72V                 | 0.50-1.05A     | 89.0%      | 0.95                  | 4/6KV                       | 105*63*30mm   |
| 60W   | DL-60H-56A/P-MXC   | 60W          | 100-277V      | 25-56V         | 30-56V                 | 0.72-2.00A     | 89.0%      | 0.95                  | 6/10KV                      | 105*63*30mm   |
|       | DL-60H-86A/P-MXC   | 60W          | 100-277V      | 40-86V         | 57-86V                 | 0.50-1.05A     | 89.0%      | 0.95                  | 6/10KV                      | 105*63*30mm   |
| 80W   | DL-80H-56A/P-MXC   | 80W          | 100-277V      | 25-56V         | 36-56V                 | 1.07-2.23A     | 90.0%      | 0.95                  | 6/10KV                      | 105*63*30mm   |
|       | DL-80H-115A/P-MXC  | 80W          | 100-277V      | 57-115V        | 76-115V                | 0.50-1.05A     | 90.0%      | 0.95                  | 6/10KV                      | 105*63*30mm   |
| 100W  | DL-100H-56A/P-MXC  | 100W         | 100-277V      | 25-56V         | 36-56V                 | 1.34-2.50A     | 91.0%      | 0.95                  | 6/10KV                      | 105*63*30mm   |
|       | DL-100H-143A/P-MXC | 100W         | 100-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 91.0%      | 0.95                  | 6/10KV                      | 105*63*30mm   |
| 150W  | DL-150H-56A/P-MXC  | 150W         | 100-277V      | 25-56V         | 36-56V                 | 1.78-4.20A     | 90.0%      | 0.95                  | 6/10KV                      | 164*53*32.5mm |
|       | DL-150H-214A/P-MXC | 150W         | 100-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 91.5%      | 0.95                  | 6/10KV                      | 164*53*32.5mm |
| 200W  | DL-200H-56A/P-MXC  | 200W         | 100-277V      | 25-56V         | 36-56V                 | 2.60-5.60A     | 92.0%      | 0.95                  | 6/10KV                      | 186*60*38mm   |
|       | DL-200H-286A/P-MXC | 200W         | 100-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 93.0%      | 0.95                  | 6/10KV                      | 186*60*38mm   |
| 240W  | DL-240H-56A/P-MXC  | 240W         | 100-277V      | 25-56V         | 36-56V                 | 3.50-6.70A     | 93.0%      | 0.95                  | 6/10KV                      | 186*60*38mm   |
|       | DL-240H-343A/P-MXC | 240W         | 100-277V      | 171-343V       | 228-343V               | 0.50-1.05A     | 93.0%      | 0.95                  | 6/10KV                      | 186*60*38mm   |
| 320W  | DL-320H-56A/P-MXC  | 320W         | 100-277V      | 25-56V         | 42-56V                 | 4.20-7.65A     | 93.0%      | 0.95                  | 6/10KV                      | 230*67*38mm   |
|       | DL-320H-428A/P-MXC | 320W         | 100-277V      | 228-428V       | 304-428V               | 0.50-1.05A     | 94.0%      | 0.95                  | 6/10KV                      | 230*67*38mm   |

A: Current Adjustable via Potentiometer

P: Programmable 3-in-1 Dimming+Timer Dimming

# MAS Road/Tunnel/Municipal lighting LED driver



## PRODUCT FEATURES

- Family series products
- Class I Application
- High power density, compact structure design
- Lifetime warning, Soft start, Light decay compensation
- IP67
- SCP, OVP, UVP, OTP, OCP protection
- Five-year warranty

### MAS-H 200-277V Potentiometer/Programmable Current Regulation

- Input voltage: 200-277Vac
- Output power: 30-240W
- Lightning protection level: 4KV/6KV, 6KV/15KV
- Constant power driver, constant current output control mode
- Metal housing, Protection Rating: IP67

A: Current Adjustable via Potentiometer

P: Programmable 3-in-1 Dimming+Timer Dimming

CB / CE / CCC / SAA / ENEC / EAC

### MAS-R TRS485 Intelligent Integrated LED driver

- Integrated RS485 control module, Two-way (dual-color) output optional
- Input voltage: 200-277Vac
- Output power: 30-240W
- Lightning protection level: 4KV/6KV, 6KV/15KV
- Application Scenario: Suitable for mains-powered chain lighting scenarios
- Networking Method: Based on RS485 Gateway
- Requires wiring / Long-distance transmission / High speed / Strong anti-interference capability

R: RS485 version

CR: RS485+Dual-color version



### MAS-C Two way dual-color + 3-in-1 dimming and color mixing

- Input voltage: 200-277Vac
- Output power: 30-240W
- Lightning protection level: 4KV/6KV, 6KV/15KV
- Constant current output, constant power control mode
- Dual-channel complementary output; continuously adjustable color temperature and brightness
- Function Selection: Isolated Dimming Function: 3-in-1 Dimming/Isolated Color-mixing Function: 3-in-1 Color-mixing

C: 0-10V Dual-color version

CE / CCC / EAC

### MAS-Z PLC Intelligent Integrated LED driver

- Integrated PLC control module
- Input voltage: 200-277Vac
- Output power: 30-240W
- Lightning protection level: 4KV/6KV, 6KV/15KV
- Application Scenario: Suitable for mains-powered chain lighting scenarios
- Networking Method: Based on Power Line Communication (PLC)
- Comprehensive communication protocol / No additional wiring required / Strong anti-interference capability

Z: PLC power carrier version



## MAS-H 200-277V Potentiometer/Programmable Current Regulation

| Power | Model No            | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|---------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 30W   | DL-30H-V38A/P-MAS   | 30W          | 200-277V      | 20-38V         | 32-38V                 | 0.30-1.00A     | 88.0%      | 0.95                  | 4/6KV                       | 104*51.5*30mm |
|       | DL-30H-V58A/P-MAS   | 30W          | 200-277V      | 32-58V         | 42-58V                 | 0.20-0.75A     | 88.0%      | 0.95                  | 4/6KV                       | 104*51.5*30mm |
| 50W   | DL-50H-V38A/P-MAS   | 50W          | 200-277V      | 20-38V         | 32-38V                 | 0.70-1.60A     | 89.0%      | 0.95                  | 4/6KV                       | 114*51.5*30mm |
|       | DL-50H-V58A/P-MAS   | 50W          | 200-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 89.0%      | 0.95                  | 4/6KV                       | 114*51.5*30mm |
|       | DL-50H-V72A/P-MAS   | 50W          | 200-277V      | 36-72V         | 48-72V                 | 0.50-1.05A     | 89.0%      | 0.95                  | 4/6KV                       | 124*51.5*30mm |
| 75W   | DL-75H-V38A/P-MAS   | 75W          | 200-277V      | 20-38V         | 32-38V                 | 1.30-2.50A     | 89.0%      | 0.95                  | 4/6KV                       | 137*56.5*34mm |
|       | DL-75H-V58A/P-MAS   | 75W          | 200-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 89.0%      | 0.95                  | 4/6KV                       | 137*56.5*34mm |
|       | DL-75H-V108A/P-MAS  | 75W          | 200-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 89.0%      | 0.95                  | 4/6KV                       | 137*56.5*34mm |
| 100W  | DL-100H-V38A/P-MAS  | 100W         | 200-277V      | 20-38V         | 32-38V                 | 1.90-3.50A     | 90.0%      | 0.95                  | 6/15KV                      | 151*56.5*34mm |
|       | DL-100H-V58A/P-MAS  | 100W         | 200-277V      | 32-58V         | 42-58V                 | 1.30-2.50A     | 90.0%      | 0.95                  | 6/15KV                      | 151*56.5*34mm |
|       | DL-100H-V150A/P-MAS | 100W         | 200-277V      | 71-150V        | 95-150V                | 0.50-1.05A     | 90.0%      | 0.95                  | 6/15KV                      | 151*56.5*34mm |
| 150W  | DL-150H-V38A/P-MAS  | 150W         | 200-277V      | 20-38V         | 32-38V                 | 2.80-5.00A     | 91.0%      | 0.95                  | 6/15KV                      | 175*66.5*34mm |
|       | DL-150H-V58A/P-MAS  | 150W         | 200-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 91.0%      | 0.95                  | 6/15KV                      | 175*66.5*34mm |
|       | DL-150H-V214A/P-MAS | 150W         | 200-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 91.0%      | 0.95                  | 6/15KV                      | 175*66.5*34mm |
| 200W  | DL-200H-V38A/P-MAS  | 200W         | 200-277V      | 20-38V         | 32-38V                 | 3.70-6.30A     | 91.0%      | 0.95                  | 6/15KV                      | 215*66.5*34mm |
|       | DL-200H-V58A/P-MAS  | 200W         | 200-277V      | 32-58V         | 42-58V                 | 2.40-4.80A     | 91.0%      | 0.95                  | 6/15KV                      | 215*66.5*34mm |
|       | DL-200H-V286A/P-MAS | 200W         | 200-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 91.0%      | 0.95                  | 6/15KV                      | 215*66.5*34mm |
| 240W  | DL-240H-V38A/P-MAS  | 240W         | 200-277V      | 20-38V         | 32-38V                 | 5.20-7.50A     | 91.0%      | 0.95                  | 6/15KV                      | 225*71.5*34mm |
|       | DL-240H-V58A/P-MAS  | 240W         | 200-277V      | 32-58V         | 42-58V                 | 3.40-5.80A     | 91.0%      | 0.95                  | 6/15KV                      | 225*71.5*34mm |
|       | DL-240H-V343A/P-MAS | 240W         | 200-277V      | 171-343V       | 228-343V               | 0.50-1.05A     | 91.0%      | 0.95                  | 6/15KV                      | 225*71.5*34mm |

A: Current Adjustable via Potentiometer

P: Programmable 3-in-1 Dimming+Timer Dimming

## MAS-C Two way dual-color + 3-in-1 dimming and color mixing

| Power | Model No         | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 30W   | DL-30H-V38C-MAS  | 30W          | 200-277V      | 20-38V         | 32-38V                 | 0.30-1.00A     | 87.0%      | 0.95                  | 4/6KV                       | 114*51.5*30mm |
|       | DL-30H-V58C-MAS  | 30W          | 200-277V      | 32-58V         | 42-58V                 | 0.20-0.75A     | 87.0%      | 0.95                  | 4/6KV                       | 114*51.5*30mm |
| 50W   | DL-50H-V38C-MAS  | 50W          | 200-277V      | 20-38V         | 32-38V                 | 0.70-1.60A     | 87.0%      | 0.95                  | 4/6KV                       | 124*51.5*30mm |
|       | DL-50H-V58C-MAS  | 50W          | 200-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 87.0%      | 0.95                  | 4/6KV                       | 124*51.5*30mm |
| 75W   | DL-75H-V38C-MAS  | 75W          | 200-277V      | 20-38V         | 32-38V                 | 1.30-2.50A     | 89.0%      | 0.95                  | 4/6KV                       | 147*56.5*34mm |
|       | DL-75H-V58C-MAS  | 75W          | 200-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 89.0%      | 0.95                  | 4/6KV                       | 147*56.5*34mm |
| 100W  | DL-100H-V38C-MAS | 100W         | 200-277V      | 20-38V         | 32-38V                 | 1.90-3.50A     | 90.0%      | 0.95                  | 6/15KV                      | 161*56.5*34mm |
|       | DL-100H-V58C-MAS | 100W         | 200-277V      | 32-58V         | 42-58V                 | 1.30-2.50A     | 90.0%      | 0.95                  | 6/15KV                      | 161*56.5*34mm |
| 150W  | DL-150H-V38C-MAS | 150W         | 200-277V      | 20-38V         | 32-38V                 | 2.80-4.70A     | 90.0%      | 0.95                  | 6/15KV                      | 185*66.5*34mm |
|       | DL-150H-V58C-MAS | 150W         | 200-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 90.0%      | 0.95                  | 6/15KV                      | 185*66.5*34mm |
| 200W  | DL-200H-V58C-MAS | 200W         | 200-277V      | 32-58V         | 42-58V                 | 2.60-4.80A     | 90.0%      | 0.95                  | 6/15KV                      | 260*68*33mm   |
| 240W  | DL-240H-V58C-MAS | 240W         | 200-277V      | 32-58V         | 42-58V                 | 3.50-5.70A     | 90.0%      | 0.95                  | 6/15KV                      | 260*68*33mm   |

C: 0-10V Dual-color version

**MAS-R** RS485 Intelligent Integrated LED driver

| Power | Model No         | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 30W   | DL-30H-58R-MAS   | 30W          | 200-277V      | 32-58V         | 42-58V                 | 0.20-0.75A     | 88.0%      | 0.95                  | 4/6KV                       | 125*53*33mm  |
|       | DL-30H-58CR-MAS  | 30W          | 200-277V      | 32-58V         | 42-58V                 | 0.20-0.75A     | 88.0%      | 0.95                  | 4/6KV                       | 125*53*33mm  |
| 50W   | DL-50H-58R-MAS   | 50W          | 200-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 89.0%      | 0.95                  | 4/6KV                       | 125*53*33mm  |
|       | DL-50H-58CR-MAS  | 50W          | 200-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 88.0%      | 0.95                  | 4/6KV                       | 125*53*33mm  |
| 75W   | DL-75H-58R-MAS   | 75W          | 200-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 90.0%      | 0.95                  | 4/6KV                       | 165*63*33mm  |
|       | DL-75H-58CR-MAS  | 75W          | 200-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 90.0%      | 0.95                  | 4/6KV                       | 165*63*33mm  |
| 100W  | DL-100H-58R-MAS  | 100W         | 200-277V      | 32-58V         | 42-58V                 | 1.30-2.50A     | 90.0%      | 0.95                  | 6/15KV                      | 165*63*33mm  |
|       | DL-100H-58CR-MAS | 100W         | 200-277V      | 32-58V         | 42-58V                 | 1.30-2.50A     | 90.0%      | 0.95                  | 6/15KV                      | 165*63*33mm  |
| 150W  | DL-150H-58R-MAS  | 150W         | 200-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 90.0%      | 0.95                  | 6/15KV                      | 215*63*33mm  |
|       | DL-150H-58CR-MAS | 150W         | 200-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 90.0%      | 0.95                  | 6/15KV                      | 215*63*33mm  |
| 200W  | DL-200H-58R-MAS  | 200W         | 200-277V      | 32-58V         | 42-58V                 | 2.60-4.80A     | 91.0%      | 0.95                  | 6/15KV                      | 260*68*33mm  |
|       | DL-200H-58CR-MAS | 200W         | 200-277V      | 32-58V         | 42-58V                 | 2.60-4.80A     | 91.0%      | 0.95                  | 6/15KV                      | 260*68*33mm  |
| 240W  | DL-240H-58R-MAS  | 240W         | 200-277V      | 32-58V         | 42-58V                 | 3.50-5.70A     | 91.0%      | 0.95                  | 6/15KV                      | 260*68*33mm  |
|       | DL-240H-58CR-MAS | 240W         | 200-277V      | 32-58V         | 42-58V                 | 3.50-5.70A     | 91.0%      | 0.95                  | 6/15KV                      | 260*68*33mm  |

R: RS485 version      CR: RS485+Dual-color version

**MAS-Z** PLC Intelligent Integrated LED driver

| Power | Model No        | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|-----------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 30W   | DL-30H-58Z-MAS  | 30W          | 200-277V      | 32-58V         | 42-58V                 | 0.20-0.75A     | 88.0%      | 0.95                  | 4/6KV                       | 125*53*33mm  |
| 50W   | DL-50H-58Z-MAS  | 50W          | 200-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 88.0%      | 0.95                  | 4/6KV                       | 125*53*33mm  |
| 75W   | DL-75H-58Z-MAS  | 75W          | 200-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 90.0%      | 0.95                  | 4/6KV                       | 165*63*33mm  |
| 100W  | DL-100H-58Z-MAS | 100W         | 200-277V      | 32-58V         | 42-58V                 | 1.30-2.50A     | 90.0%      | 0.95                  | 6/15KV                      | 165*63*33mm  |
| 150W  | DL-150H-58Z-MAS | 150W         | 200-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 90.0%      | 0.95                  | 6/15KV                      | 215*63*33mm  |
| 200W  | DL-200H-58Z-MAS | 200W         | 200-277V      | 32-58V         | 42-58V                 | 2.60-4.80A     | 91.0%      | 0.95                  | 6/15KV                      | 260*68*33mm  |
| 240W  | DL-240H-58Z-MAS | 240W         | 200-277V      | 32-58V         | 42-58V                 | 3.50-5.70A     | 91.0%      | 0.95                  | 6/15KV                      | 260*68*33mm  |

Z: PLC power carrier version



**MAP** Road/Tunnel/Municipal Lighting LED driver/Potentiometer /3-in-1 Dimming



**PRODUCT FEATURES**

- Input voltage: 100-277Vac, derating protection below 180Vac
- Output voltage: Selectable mainstream output voltages: 20-38V/32-58V, with constant power adjustment capability in the range of 32-38V/42-58V
- Output power: 50-200W
- Lightning protection: 4KV/6KV(≤75W), 6KV/15KV(≥105W)
- Constant power driver, constant current output control mode
- Metal housing, IP67
- SCP, OVP, OTP, UVP Protection
- Five-year warranty

A: Current Adjustable via Potentiometer  
S: 3-in-1 Dimming



| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 50W   | DL-50W-V38A/S-MAP  | 50W          | 100-277V      | 20-38V         | 32-38V                 | 0.70-1.60A     | 87.5%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
|       | DL-50W-V58A/S-MAP  | 50W          | 100-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 88.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
| 75W   | DL-75W-V38A/S-MAP  | 75W          | 100-277V      | 20-38V         | 32-38V                 | 1.30-2.50A     | 88.0%      | 0.95                  | 4/6KV                       | 143*49*31mm   |
|       | DL-75W-V58A/S-MAP  | 75W          | 100-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 88.0%      | 0.95                  | 4/6KV                       | 143*49*31mm   |
| 105W  | DL-105W-V38A/S-MAP | 105W         | 100-277V      | 20-38V         | 32-38V                 | 1.90-3.50A     | 90.5%      | 0.95                  | 6/15KV                      | 164*53*32.5mm |
|       | DL-105W-V58A/S-MAP | 105W         | 100-277V      | 32-58V         | 42-58V                 | 1.30-2.50A     | 91.6%      | 0.95                  | 6/15KV                      | 164*53*32.5mm |
| 150W  | DL-150W-V38A/S-MAP | 150W         | 100-277V      | 20-38V         | 32-38V                 | 2.80-5.00A     | 90.5%      | 0.95                  | 6/15KV                      | 186*60*38mm   |
|       | DL-150W-V58A/S-MAP | 150W         | 100-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 91.5%      | 0.95                  | 6/15KV                      | 186*60*38mm   |
| 200W  | DL-200W-V38A/S-MAP | 200W         | 100-277V      | 20-38V         | 32-38V                 | 3.70-6.70A     | 90.0%      | 0.95                  | 6/15KV                      | 230*67*38mm   |
|       | DL-200W-V58A/S-MAP | 200W         | 100-277V      | 32-58V         | 42-58V                 | 2.40-4.80A     | 91.0%      | 0.95                  | 6/15KV                      | 230*67*38mm   |

A: Current Adjustable via Potentiometer      S: 3-in-1 Dimming

# MAL Road/Tunnel/Municipal/Explosion-proof Lighting LED driver



## PRODUCT FEATURES

- Compact structure design
- Input voltage: 100-277V (H version below 180Vac derating)
- Output voltage: 20-38V (32-38V constant power) 32-58V (42-58V constant power) 0.5-1.05A High voltage low current version
- Lightning protection: 4KV/6KV (≤75W), 6KV/15KV (≥100W)
- Metal housing, IP67
- Constant power driver, constant current output control mode
- Dimming logic: 0/1-10V, 0-5V dimming positive and negative logic optional
- SCP, OVP, UVP, OTP Protection
- Five-year warranty

### MAL-Z 100-277V Potentiometer/3-in-1 Dimming + 0/1-10V + Dim-to-Off

- Input voltage: 100-277Vac
- Output power: 20W-75W
- IP67
- Lightning protection: 4KV/6KV

A: Current Adjustable via Potentiometer  
S: 3-in-1 Dimming

CB / CE / CCC / SAA / ENEC / ENEC / FC / E479106

### MAL-H 100-277Vac (Derating below 180Vac) Potentiometer/3-in-1 Dimming + 0/1-5/10V Positive and Negative Logic + Dim-to-Off + Explosion Proof 3C

- Input voltage: 100-277Vac
- Output power: 40W-200W
- IP67
- Lightning protection: 4KV/6KV, 6KV/15KV

A: Current Adjustable via Potentiometer  
S: 3-in-1 Dimming

CB / CE / CCC / SAA / ENEC / ENEC / FC

### MAL-B 100-277Vac (Derating below 180Vac) Programmable /3-in-1 Dimming + 0/1-5/10V Positive and Negative Logic + Dim-to-Off



- Input voltage: 100-277Vac
- Output power: 50W-150W
- IP67
- Lightning protection: 4KV, 6KV, 4KV/6KV, 6KV/10KV

A: Current Adjustable via Potentiometer  
P: Programmable 3-in-1 Dimming  
H: CLASS I + Programmable 0-10V/PWM  
HK: CLASS II + Programmable 0-10V/PWM

CB / CE / CCC / SAA / ENEC / ENEC / FC

### MAL-Z 100-277V Potentiometer/3-in-1 Dimming + 0/1-10V + Dim-to-Off

| Power | Model No         | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 20W   | DL-20Z-58A/S-MAL | 20W          | 100-277V      | 32-58V         | 42-58V                 | 0.17-0.48A     | 88.0%      | 0.95                  | 4/6KV                       | 100*41*27mm   |
| 30W   | DL-30Z-58A/S-MAL | 30W          | 100-277V      | 32-58V         | 42-58V                 | 0.17-0.72A     | 89.0%      | 0.95                  | 4/6KV                       | 100*41*27mm   |
| 40W   | DL-40Z-58A/S-MAL | 40W          | 100-277V      | 32-58V         | 42-58V                 | 0.50-0.95A     | 89.0%      | 0.95                  | 4/6KV                       | 100*41*27mm   |
| 50W   | DL-50Z-58A/S-MAL | 50W          | 100-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 89.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
| 60W   | DL-60Z-58A/S-MAL | 60W          | 100-277V      | 32-58V         | 42-58V                 | 0.86-1.43A     | 89.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
| 75W   | DL-75Z-58A/S-MAL | 75W          | 100-277V      | 32-58V         | 42-58V                 | 0.86-1.80A     | 89.0%      | 0.95                  | 4/6KV                       | 143*49*32.5mm |

A: Current Adjustable via Potentiometer S: 3-in-1 Dimming

### MAL-H 100-277Vac (Derating below 180Vac) Potentiometer/3-in-1 Dimming + 0/1-5/10V Positive and Negative Logic + Dim-to-Off + Explosion Proof 3C

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 40W   | DL-40H-38A/S-MAL   | 40W          | 100-277V      | 20-38V         | 32-38V                 | 0.70-1.25A     | 87.0%      | 0.95                  | 4/6KV                       | 100*41*27mm   |
|       | DL-40H-58A/S-MAL   | 40W          | 100-277V      | 32-58V         | 42-58V                 | 0.50-0.95A     | 89.0%      | 0.95                  | 4/6KV                       | 100*41*27mm   |
| 50W   | DL-50H-38A/S-MAL   | 50W          | 100-277V      | 20-38V         | 32-38V                 | 0.70-1.60A     | 89.0%      | 0.95                  | 4/6KV                       | 100*41*27mm   |
|       | DL-50H-58A/S-MAL   | 50W          | 100-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 89.0%      | 0.95                  | 4/6KV                       | 100*41*27mm   |
| 60W   | DL-60H-38A/S-MAL   | 60W          | 100-277V      | 20-38V         | 32-38V                 | 1.10-1.90A     | 89.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
|       | DL-60H-58A/S-MAL   | 60W          | 100-277V      | 32-58V         | 42-58V                 | 0.86-1.43A     | 89.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
| 75W   | DL-75H-38A/S-MAL   | 75W          | 100-277V      | 20-38V         | 32-38V                 | 1.30-2.50A     | 89.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
|       | DL-75H-58A/S-MAL   | 75W          | 100-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 89.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
|       | DL-75H-108A/S-MAL  | 75W          | 100-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 90.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
| 100W  | DL-100H-38A/S-MAL  | 100W         | 100-277V      | 20-38V         | 32-38V                 | 1.80-3.20A     | 91.0%      | 0.95                  | 6/10KV                      | 143*49*32.5mm |
|       | DL-100H-58A/S-MAL  | 100W         | 100-277V      | 32-58V         | 42-58V                 | 1.30-2.38A     | 91.0%      | 0.95                  | 6/10KV                      | 143*49*32.5mm |
|       | DL-100H-143A/S-MAL | 100W         | 100-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 91.0%      | 0.95                  | 6/10KV                      | 143*49*32.5mm |
| 150W  | DL-150H-38A/S-MAL  | 150W         | 100-277V      | 20-38V         | 32-38V                 | 2.80-5.00A     | 91.0%      | 0.95                  | 6/10KV                      | 176*57*32mm   |
|       | DL-150H-58A/S-MAL  | 150W         | 100-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 91.0%      | 0.95                  | 6/10KV                      | 176*57*32mm   |
|       | DL-150H-214A/S-MAL | 150W         | 100-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 91.0%      | 0.95                  | 6/10KV                      | 176*57*32mm   |
| 200W  | DL-200H-38A/S-MAL  | 200W         | 100-277V      | 20-38V         | 32-38V                 | 3.70-6.70A     | 91.0%      | 0.95                  | 6/10KV                      | 186*60*38mm   |
|       | DL-200H-58A/S-MAL  | 200W         | 100-277V      | 32-58V         | 42-58V                 | 2.40-4.80A     | 92.0%      | 0.95                  | 6/10KV                      | 186*60*38mm   |
|       | DL-200H-286A/S-MAL | 200W         | 100-277V      | 143-286V       | 190-286V               | 0.50-1.05A     | 92.0%      | 0.95                  | 6/10KV                      | 186*60*38mm   |

A: Current Adjustable via Potentiometer S: 3-in-1 Dimming

### MAL-B 100-277Vac (Derating below 180Vac) Programmable /3-in-1 Dimming + 0/1-5/10V Positive and Negative Logic + Dim-to-Off



| Power | Model No             | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|----------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 50W   | DL-50H-B58A/P-MAL    | 50W          | 100-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 90.0%      | 0.95                  | 4/6KV                       | 104*43.5*28mm |
|       | DL-50HK-B58A/P-MAL   | 50W          | 100-277V      | 32-58V         | 42-58V                 | 0.50-1.20A     | 90.0%      | 0.95                  | 4KV                         | 104*43.5*28mm |
| 75W   | DL-75H-B58A/P-MAL    | 75W          | 100-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 90.0%      | 0.97                  | 4/6KV                       | 129*43.5*28mm |
|       | DL-75H-B108A/P-MAL   | 75W          | 100-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 90.0%      | 0.97                  | 4/6KV                       | 129*43.5*28mm |
|       | DL-75HK-B58A/P-MAL   | 75W          | 100-277V      | 32-58V         | 42-58V                 | 0.80-1.80A     | 90.0%      | 0.97                  | 4/KV                        | 129*43.5*28mm |
|       | DL-75HK-B108A/P-MAL  | 75W          | 100-277V      | 54-108V        | 72-108V                | 0.50-1.05A     | 90.0%      | 0.97                  | 4/KV                        | 129*43.5*28mm |
| 100W  | DL-100H-B58A/P-MAL   | 100W         | 100-277V      | 32-58V         | 42-58V                 | 0.90-1.80A     | 91.0%      | 0.97                  | 6/10KV                      | 142*50*32mm   |
|       | DL-100H-B143A/P-MAL  | 100W         | 100-277V      | 71-143V        | 72-108V                | 0.50-1.05A     | 91.0%      | 0.97                  | 6/10KV                      | 142*50*32mm   |
|       | DL-100HK-B58A/P-MAL  | 100W         | 100-277V      | 32-58V         | 42-58V                 | 1.30-2.38A     | 91.0%      | 0.97                  | 6/KV                        | 142*50*32mm   |
|       | DL-100HK-B143A/P-MAL | 100W         | 100-277V      | 71-143V        | 95-143V                | 0.50-1.05A     | 91.0%      | 0.97                  | 6/KV                        | 142*50*32mm   |
| 150W  | DL-150H-B58A/P-MAL   | 150W         | 100-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 91.0%      | 0.97                  | 6/10KV                      | 176*60*32mm   |
|       | DL-150H-B214A/P-MAL  | 150W         | 100-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 91.0%      | 0.97                  | 6/10KV                      | 176*60*32mm   |
|       | DL-150HK-B58A/P-MAL  | 150W         | 100-277V      | 32-58V         | 42-58V                 | 1.80-3.60A     | 91.0%      | 0.97                  | 6/KV                        | 176*60*32mm   |
|       | DL-150HK-B214A/P-MAL | 150W         | 100-277V      | 95-214V        | 143-214V               | 0.50-1.05A     | 91.0%      | 0.97                  | 6/KV                        | 176*60*32mm   |

A: Current Adjustable via Potentiometer P: Programmable 3-in-1 Dimming H: CLASS I + Programmable 0-10V/PWM HK: CLASS II + Programmable 0-10V/PWM

# MAC/MCC Built-in explosion-proof/Tunnel/Brightening lighting LED driver



## MAC Strip Plastic Case + Constant Current + Electronic Wire

- Input Voltage: 100-277Vac
- Class II Built-in Application
- Output Power: 30-50W
- Strip plastic case, constant current output
- Lightning Protection: Differential Mode 6KV
- Internal Potting, Protection Rating: IP67

CB / CE / CCC / SAA /

## MAC Strip plastic case+Constant current+Electronic wire

| Power | Model No         | Output Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|------------------|--------------|---------------|----------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 30W   | DL-30Z-C600-MAC  | 30W          | 100-277V      | 25-50V         | 0.60A          | 88.0%      | 0.95                  | 6KV                         | 108*35*26 mm |
|       | DL-30Z-C750-MAC  | 30W          | 100-277V      | 20-42V         | 0.75A          | 88.0%      | 0.95                  | 6KV                         | 108*35*26 mm |
|       | DL-30Z-C900-MAC  | 30W          | 100-277V      | 20-36V         | 0.90A          | 88.0%      | 0.95                  | 6KV                         | 108*35*26 mm |
| 50W   | DL-50Z-C900-MAC  | 50W          | 100-277V      | 25-56V         | 0.90A          | 90.0%      | 0.95                  | 6KV                         | 108*35*26 mm |
|       | DL-50Z-C1050-MAC | 50W          | 100-277V      | 25-50V         | 1.05A          | 90.0%      | 0.95                  | 6KV                         | 108*35*26 mm |
|       | DL-50Z-C1200-MAC | 50W          | 100-277V      | 20-38V         | 1.20A          | 88.7%      | 0.95                  | 6KV                         | 108*35*26 mm |
|       | DL-50Z-C1350-MAC | 50W          | 100-277V      | 20-38V         | 1.35A          | 88.7%      | 0.95                  | 6KV                         | 108*35*26 mm |
|       | DL-50Z-C1500-MAC | 50W          | 100-277V      | 20-36V         | 1.50A          | 88.7%      | 0.95                  | 6KV                         | 108*35*26 mm |

## MCC miniplastic case+Constant current+Electronic wire

| Power | Model No        | Output Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|-----------------|--------------|---------------|----------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 3W    | DL-3W-C150-MCC  | 1.65W        | 100-240V      | 5-11V          | 0.15A          | 75.0%      | 0.9                   | 2KV                         | 52*30*22mm   |
|       | DL-3W-C300-MCC  | 3.3W         | 100-240V      | 5-11V          | 0.30A          | 75.0%      | 0.9                   | 2KV                         | 52*30*22mm   |
|       | DL-3W-C700-MCC  | 4.2W         | 100-240V      | 2-6V           | 0.70A          | 75.0%      | 0.9                   | 2KV                         | 52*30*22mm   |
| 7W    | DL-7W-C150-MCC  | 3.6W         | 100-240V      | 11-24V         | 0.15A          | 80.0%      | 0.9                   | 2KV                         | 52*30*22mm   |
|       | DL-7W-C300-MCC  | 7.2W         | 100-240V      | 11-24V         | 0.30A          | 80.0%      | 0.9                   | 2KV                         | 52*30*22mm   |
|       | DL-7W-C700-MCC  | 7W           | 100-240V      | 5-10V          | 0.70A          | 80.0%      | 0.9                   | 2KV                         | 52*30*22mm   |
| 12W   | DL-12W-C210-MCC | 8.82W        | 100-240V      | 21-42V         | 0.21A          | 83.0%      | 0.9                   | 2KV                         | 70*36*23mm   |
|       | DL-12W-C350-MCC | 14.7W        | 100-240V      | 21-42V         | 0.35A          | 83.0%      | 0.95                  | 2KV                         | 70*36*23mm   |
|       | DL-12W-C700-MCC | 14W          | 100-240V      | 11-20V         | 0.70A          | 83.0%      | 0.95                  | 2KV                         | 70*36*23mm   |

\*The current can be adjusted according to the customer's needs, and the difference current between each model is 30mA.

|     |                 |       |          |        |       |       |      |     |            |
|-----|-----------------|-------|----------|--------|-------|-------|------|-----|------------|
| 20W | DL-20W-C300-MCC | 20.4W | 100-240V | 36-68V | 0.30A | 85.0% | 0.95 | 2KV | 70*36*23mm |
|     | DL-20W-C400-MCC | 16.8W | 100-240V | 21-42V | 0.40A | 85.0% | 0.9  | 2KV | 70*36*23mm |
|     | DL-20W-C600-MCC | 20.4W | 100-240V | 21-34V | 0.60A | 85.0% | 0.95 | 2KV | 70*36*23mm |

\*The current can be adjusted according to the customer's needs, and the difference current between each model is 50mA.

# MAC-A Built-in explosion-proof/Tunnel/Brightening lighting LED driver



## PRODUCT FEATURES

- Family series products
- Class II built-in application
- Input voltage: 100-277Vac (50/60Hz)
- Output power: 30-70W
- Output current: Constant current output 600-2100mA (non-adjustable)
- Constant power driver, constant current output control mode
- Overall efficiency: Up to 90%
- Lightning protection: Differential mode 4KV
- Plastic housing, IP67
- 5-year warranty

## MAC-A Square plastic case+Constant current+Explosion-proof3C+Electronic wire

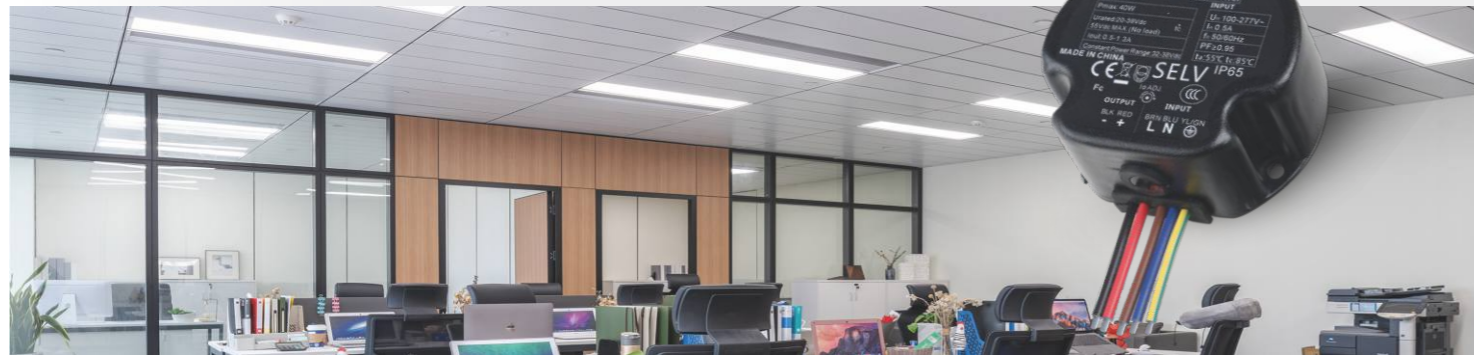
- CLASS II built-in application
- Square plastic case, constant current output
- Input voltage: 100-277Vac
- Output power: 30-70W
- Lightning protection: differential mode 4KV
- IP67

CB / CE / CCC / SAA /

## MAC-A Square plastic case+Constant current+Explosion-proof3C+Electronic wire

| Power | Model No          | Output Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|-------------------|--------------|---------------|----------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 30W   | DL-30Z-AC600-MAC  | 15-30W       | 100-277V      | 25-50V         | 0.60A          | 87.5%      | 0.95                  | 4KV                         | 76*64*32mm   |
|       | DL-30Z-AC750-MAC  | 15-31W       | 100-277V      | 20-42V         | 0.75A          | 87.5%      | 0.95                  | 4KV                         | 76*64*32mm   |
|       | DL-30Z-AC900-MAC  | 18-32W       | 100-277V      | 20-36V         | 0.90A          | 87.5%      | 0.95                  | 4KV                         | 76*64*32mm   |
| 40W   | DL-40Z-AC900-MAC  | 22-40W       | 100-277V      | 25-45V         | 0.90A          | 88.0%      | 0.95                  | 4KV                         | 76*64*32mm   |
|       | DL-40Z-AC1050-MAC | 21-40W       | 100-277V      | 20-38V         | 1.05A          | 88.0%      | 0.95                  | 4KV                         | 76*64*32mm   |
|       | DL-40Z-AC1200-MAC | 24-40W       | 100-277V      | 20-34V         | 1.20A          | 88.0%      | 0.95                  | 4KV                         | 76*64*32mm   |
| 50W   | DL-50Z-AC900-MAC  | 22-50W       | 100-277V      | 25-56V         | 0.90A          | 88.5%      | 0.95                  | 4KV                         | 76*64*32mm   |
|       | DL-50Z-AC1050-MAC | 26-52W       | 100-277V      | 25-50V         | 1.05A          | 88.5%      | 0.95                  | 4KV                         | 76*64*32mm   |
|       | DL-50Z-AC1200-MAC | 24-50W       | 100-277V      | 20-42V         | 1.20A          | 88.5%      | 0.95                  | 4KV                         | 76*64*32mm   |
|       | DL-50Z-AC1350-MAC | 27-51W       | 100-277V      | 20-38V         | 1.35A          | 88.5%      | 0.95                  | 4KV                         | 76*64*32mm   |
|       | DL-50Z-AC1500-MAC | 30-51W       | 100-277V      | 20-34V         | 1.50A          | 88.5%      | 0.95                  | 4KV                         | 76*64*32mm   |
| 60W   | DL-60Z-AC1350-MAC | 34-60W       | 100-277V      | 25-45V         | 1.35A          | 89.0%      | 0.95                  | 4KV                         | 83*70*32mm   |
|       | DL-60Z-AC1500-MAC | 30-60W       | 100-277V      | 20-40V         | 1.50A          | 89.0%      | 0.95                  | 4KV                         | 83*70*32mm   |
|       | DL-60Z-AC1800-MAC | 36-60W       | 100-277V      | 20-34V         | 1.80A          | 89.0%      | 0.95                  | 4KV                         | 83*70*32mm   |
| 70W   | DL-70Z-AC1500-MAC | 37-70W       | 100-277V      | 25-47V         | 1.50A          | 90.0%      | 0.95                  | 4KV                         | 83*70*32mm   |
|       | DL-70Z-AC1800-MAC | 36-72W       | 100-277V      | 20-40V         | 1.80A          | 90.0%      | 0.95                  | 4KV                         | 83*70*32mm   |
|       | DL-70Z-AC2100-MAC | 42-71W       | 100-277V      | 20-34V         | 2.10A          | 90.0%      | 0.95                  | 4KV                         | 83*70*32mm   |

## SBS Built-in Explosion-proof/Tunnel/Brightening lighting LED driver



### PRODUCT FEATURES

- Suitable for built-in use and Class I luminaires
- Input voltage: 100-277Vac
- Output power: 40-100W
- Lightning protection: 4KV/6KV
- Output current adjustable via potentiometer
- Explosion-proof 3C certification
- Constant current output control mode
- Round metal housing, IP65
- OVP, OCP, SCP, OTP
- Five-year warranty

A: Current Adjustable via Potentiometer

C: Fixed output current

CB / CE / EAC / CCC / Compliance with EX II 2G EX mb IIC GB

## SBS Round aluminum housing+ Potentiometer Current Regulation + Electronic wire + Explosion-proof 3C

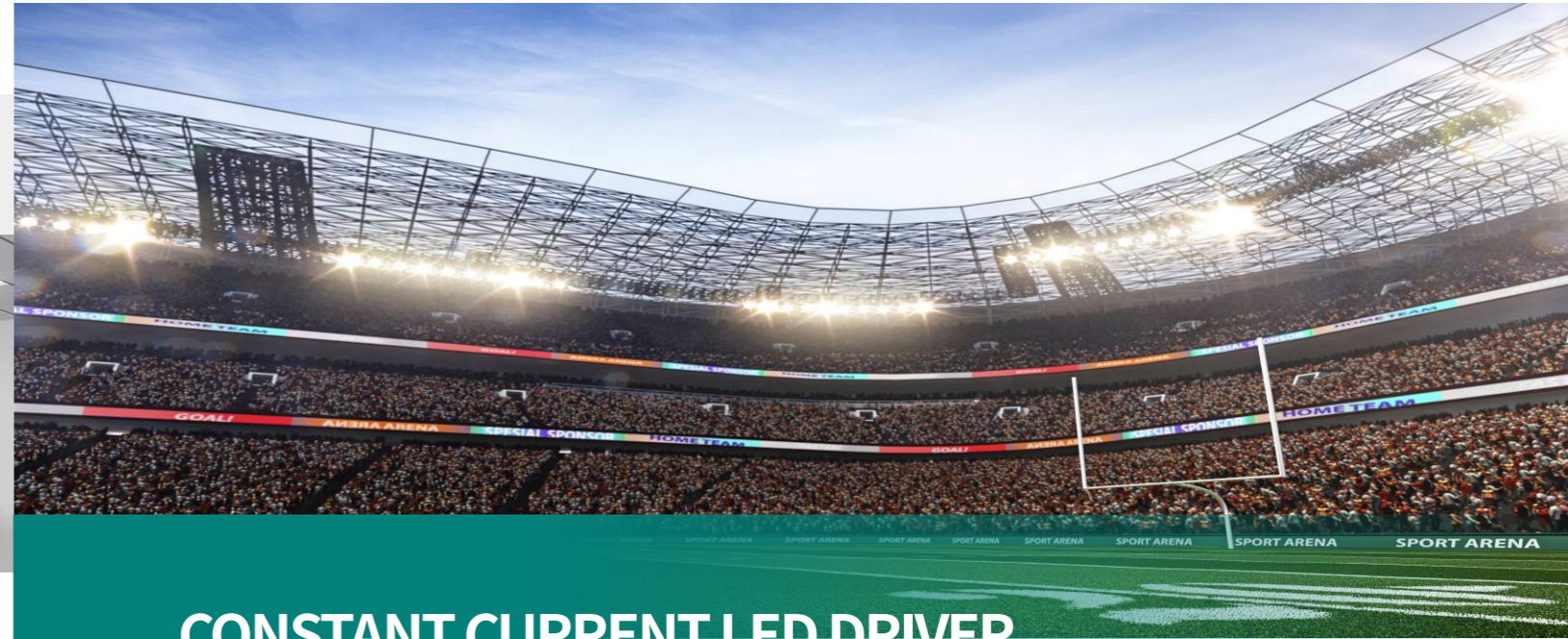
| Power | Model No         | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 40W   | DL-40Z-V38A-SBS  | 40W          | 100-277V      | 20-38V         | 32-38                  | 0.50-1.30A     | 89.0%      | 0.95                  | 4/6KV                       | D75*H33mm    |
|       | DL-40Z-V58A-SBS  | 40W          | 100-277V      | 32-58V         | 42-58                  | 0.35-0.95A     | 89.0%      | 0.95                  | 4/6KV                       | D75*H33mm    |
|       | DL-40Z-C500-SBS  | 40W          | 100-240V      | 25-58V         | /                      | 0.50A          | 89.0%      | 0.96                  | 4/6KV                       | D75*H33mm    |
|       | DL-40Z-C700-SBS  | 40W          | 100-240V      | 25-58V         | /                      | 0.70A          | 89.0%      | 0.96                  | 4/6KV                       | D75*H33mm    |
| 50W   | DL-50Z-C1200-SBS | 50W          | 100-240V      | 26-40V         | /                      | 1.20A          | 88.5%      | 0.96                  | 4/6KV                       | D75*H33mm    |
|       | DL-50Z-C1400-SBS | 50W          | 100-240V      | 26-40V         | /                      | 1.40A          | 88.5%      | 0.96                  | 4/6KV                       | D75*H33mm    |
| 60W   | DL-60Z-V38A-SBS  | 60W          | 100-277V      | 20-38V         | 32-38                  | 1.05-1.90A     | 89.5%      | 0.95                  | 4/6KV                       | D90*H33mm    |
|       | DL-60Z-V58A-SBS  | 60W          | 100-277V      | 32-58V         | 42-58                  | 0.70-1.45A     | 89.5%      | 0.95                  | 4/6KV                       | D90*H33mm    |
| 80W   | DL-80Z-V38A-SBS  | 80W          | 100-277V      | 20-38V         | 32-38                  | 1.50-2.50A     | 90.0%      | 0.95                  | 4/6KV                       | D90*H33mm    |
|       | DL-80Z-V58A-SBS  | 80W          | 100-277V      | 32-58V         | 42-58                  | 1.05-1.90A     | 90.0%      | 0.95                  | 4/6KV                       | D90*H33mm    |
| 100W  | DL-100Z-V38A-SBS | 100W         | 100-277V      | 20-38V         | 32-38                  | 2.10-3.15A     | 90.0%      | 0.95                  | 4/6KV                       | D110*H38mm   |
|       | DL-100Z-V58A-SBS | 100W         | 100-277V      | 32-58V         | 42-58                  | 1.40-2.40A     | 90.0%      | 0.95                  | 4/6KV                       | D110*H38mm   |

### No strobe function

|     |                 |     |          |        |       |            |       |      |       |           |
|-----|-----------------|-----|----------|--------|-------|------------|-------|------|-------|-----------|
| 40W | DL-40Z-B58A-SBS | 40W | 100-277V | 26-58V | 38-58 | 0.50-1.05A | 88.0% | 0.95 | 4/6KV | D75*H33mm |
| 60W | DL-60Z-B58A-SBS | 60W | 100-277V | 26-58V | 38-58 | 0.85-1.50A | 89.0% | 0.95 | 4/6KV | D90*H33mm |
| 80W | DL-80Z-B58A-SBS | 80W | 100-277V | 26-58V | 38-58 | 1.25-2.00A | 90.0% | 0.95 | 4/6KV | D90*H33mm |

A: Current Adjustable via Potentiometer

C: Fixed output current



## CONSTANT CURRENT LED DRIVER APPLICATION SCENARIOS OF NON-ISOLATED LED DRIVER



# PXS Road/Horticulture/Stadium/Fishery Lighting LED Driver



## PRODUCT FEATURES

- Family series products
- Non-isolated technical solutions
- Class I structure
- Lightning protection: up to 15KV
- Efficiency up to 97%
- Five-year warranty

### PXS-Z 100-277V Programmable+Auxiliary source

- Wide voltage input
- Input voltage: 100-277Vac
- Output power: 40-320W
- Lightning protection: 6KV/15KV
- Metal housing with potting, IP67
- The entire series is designed with no afterglow when turned off.
- Standby power consumption  $\leq 0.5W$  when dimming signal input is 0V
- Isolated auxiliary source: 12V 300mA

X: Programmable 3-in-1 Dimming+Auxiliary source



### PLS 120-277V Ultra-high power+Conventional wire/Terminal wiring+Programmable+Auxiliary source

- Wide voltage input
- Lightning protection: 6KV/15KV
- Input voltage: 120-277Vac
- Metal housing with potting, IP67
- Output power: 400-1200W
- Constant power driver, constant current output control mode
- Standby power consumption  $\leq 0.5W$  when dimming signal input is 0V (X version)

J: 0-10V/PWM Dimming+RJ12/RJ25 Network Port+Knob

X: Programmable 3-in-1 Dimming+Auxiliary source



### PXS-V 200-480V Conventional wire/Terminal wiring+Programmable+Auxiliary source

- Ultra-high input voltage
- Input voltage: 200-480Vac
- Output power: 100-1200W
- The entire series is designed with no afterglow when turned off (X version).
- Lightning protection: 6KV/15KV
- Metal housing with potting, IP67
- Constant power driver, constant current output control mode

J: 0-10V / PWM Dimming + RJ12 / RJ25 Network Port + Knob

X: Programmable 3-in-1 Dimming+Auxiliary source



### PXS-V GM 200-480W0-10V/DALI-2/D4i/DMX512 Dimming new

- Input voltage: 200-480Vac
- Output power: 500-1200W
- Lightning protection : differential mode 10KV, common mode 10KV
- Compatible dimming solution (software switching)
- Ultra-low output ripple <1%
- Dimming range from 0.1% to 100%
- Supports 0-10V/DALI-2/D4i/DMX512 & RDM
- Supports strobe at 44FPS (DMX512)
- D4i certified, real-time interaction

GM: DALI-2&D4i+DMX/RDM+Auxiliary Source



### PXS-Z 100-277V Programmable+Auxiliary source

| Power | Model No         | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 40W   | DL-40Z-260X-PXS  | 40W          | 100-277V      | 180-260V       | 200-260V               | 0.08-0.20A     | 93.0%      | 0.95                  | 6/15KV                      | 105*63*33mm  |
| 60W   | DL-60Z-260X-PXS  | 60W          | 100-277V      | 180-260V       | 200-260V               | 0.12-0.30A     | 93.0%      | 0.95                  | 6/15KV                      | 105*63*33mm  |
| 80W   | DL-80Z-260X-PXS  | 60W          | 100-277V      | 180-260V       | 200-260V               | 0.23-0.40A     | 93.5%      | 0.95                  | 6/15KV                      | 105*63*33mm  |
| 100W  | DL-100Z-260X-PXS | 100W         | 100-277V      | 180-260V       | 200-260V               | 0.28-0.50A     | 93.5%      | 0.95                  | 6/15KV                      | 105*63*33mm  |
| 150W  | DL-150Z-260X-PXS | 150W         | 100-277V      | 180-260V       | 200-260V               | 0.38-0.75A     | 94.0%      | 0.95                  | 6/15KV                      | 140*63*33mm  |
| 200W  | DL-200Z-260X-PXS | 200W         | 100-277V      | 180-260V       | 200-260V               | 0.57-1.00A     | 94.5%      | 0.95                  | 6/15KV                      | 165*63*33mm  |
| 240W  | DL-240Z-260X-PXS | 240W         | 100-277V      | 180-260V       | 200-260V               | 0.75-1.20A     | 95.0%      | 0.95                  | 6/15KV                      | 165*63*33mm  |
| 320W  | DL-320Z-260X-PXS | 320W         | 100-277V      | 180-260V       | 200-260V               | 0.92-1.60A     | 95.0%      | 0.95                  | 6/15KV                      | 185*63*33mm  |

X: Programmable 3-in-1 Dimming+Auxiliary source

### PLS 120-277V Ultra-high power+Conventional wire/Terminal wiring+Programmable+Auxiliary source

| Power | Model No             | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size     |
|-------|----------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|------------------|
| 400W  | DL-400W-V260X-PLS    | 400W         | 120-277V      | 180-260V       | 200-260V               | 1.15-2.00A     | 95.5%      | 0.95                  | 6/15KV                      | 234*63*37mm      |
| 500W  | DL-500W-V260X/J-PLS  | 500W         | 120-277V      | 180-260V       | 200-260V               | 1.50-2.50A     | 96.0%      | 0.97                  | 6/15KV                      | 236*83*40mm      |
| 680W  | DL-680W-V260X/J-PLS  | 680W         | 120-277V      | 180-260V       | 200-260V               | 1.90-3.40A     | 97.0%      | 0.97                  | 6/15KV                      | 246/256*95*44mm  |
| 800W  | DL-800W-V260X/J-PLS  | 800W         | 120-277V      | 180-260V       | 200-260V               | 2.60-4.00A     | 97.0%      | 0.97                  | 6/15KV                      | 266*/276*95*44mm |
| 960W  | DL-960W-V260X/J-PLS  | 960W         | 120-277V      | 180-260V       | 200-260V               | 3.00-4.80A     | 97.0%      | 0.97                  | 6/15KV                      | 316/326*95*44mm  |
| 1200W | DL-1200W-V300X/J-PLS | 1200W        | 120-277V      | 180-300V       | 200-300V               | 3.90-6.00A     | 97.0%      | 0.97                  | 6/15KV                      | 316/326*90*48mm  |

J: 0-10V/PWM Dimming+RJ12/RJ25 network port+Knob

X: Programmable 3-in-1 Dimming+Auxiliary source

### PXS-V 200-480V Conventional wire/Terminal wiring+Programmable+Auxiliary source new

| Power | Model No            | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size                |
|-------|---------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|-----------------------------|
| 100W  | DL-100V-260X-PXS    | 100W         | 200-480V      | 180-260V       | 200-260V               | 0.28-0.50A     | 93.5%      | 0.97                  | 6/15KV                      | 195*63*33mm                 |
| 150W  | DL-150V-260X-PXS    | 150W         | 200-480V      | 180-260V       | 200-260V               | 0.38-0.75A     | 94.0%      | 0.97                  | 6/15KV                      | 195*63*33mm                 |
| 200W  | DL-200V-260X-PXS    | 200W         | 200-480V      | 180-260V       | 200-260V               | 0.57-1.00A     | 94.5%      | 0.97                  | 6/15KV                      | 220*63*33mm                 |
| 240W  | DL-240V-260X-PXS    | 240W         | 200-480V      | 180-260V       | 200-260V               | 0.75-1.25A     | 95.0%      | 0.97                  | 6/15KV                      | 220*63*33mm                 |
| 320W  | DL-320V-260X-PXS    | 320W         | 200-480V      | 180-260V       | 200-260V               | 0.92-1.60A     | 95.5%      | 0.97                  | 6/15KV                      | 235*63*37mm                 |
| 400W  | DL-400V-260X-PXS    | 400W         | 200-480V      | 180-260V       | 200-260V               | 1.15-2.00A     | 96.0%      | 0.97                  | 6/15KV                      | 235*63*37mm                 |
|       | DL-400V-400X-PXS    | 400W         | 200-480V      | 180-400V       | 200-400V               | 0.80-2.00A     | 96.0%      | 0.97                  | 6/15KV                      | 235*63*37mm                 |
| 500W  | DL-500V-260X/J-PXS  | 500W         | 200-480V      | 180-260V       | 200-260V               | 1.50-2.50A     | 96.0%      | 0.95                  | 6/15KV                      | 236*83*40mm                 |
|       | DL-500V-400X/J-PXS  | 500W         | 200-480V      | 180-400V       | 200-400V               | 1.00-2.50A     | 96.0%      | 0.95                  | 6/15KV                      | X:236*83*40 / J:236*90*44mm |
| 680W  | DL-680V-260X/J-PXS  | 680W         | 200-480V      | 180-260V       | 200-260V               | 1.90-3.40A     | 96.0%      | 0.95                  | 6/15KV                      | 266*95*44mm                 |
|       | DL-680V-400X/J-PXS  | 680W         | 200-480V      | 180-400V       | 200-400V               | 1.40-3.40A     | 96.0%      | 0.95                  | 6/15KV                      | 266*95*44mm                 |
| 800W  | DL-800V-260X/J-PXS  | 800W         | 200-480V      | 180-260V       | 200-260V               | 2.60-4.00A     | 96.0%      | 0.97                  | 6/15KV                      | 266*95*44mm                 |
|       | DL-800V-400X/J-PXS  | 800W         | 200-480V      | 180-400V       | 200-400V               | 1.60-4.00A     | 96.0%      | 0.97                  | 6/15KV                      | 266*95*44mm                 |
| 1000W | DL-1000V-400X/J-PXS | 1000W        | 200-480V      | 200-400V       | 300-400V               | 1.95-3.50A     | 96.0%      | 0.96                  | 6/15KV                      | 335/345*90*48mm             |
| 1200W | DL-1200V-400X/J-PXS | 1200W        | 200-480V      | 200-400V       | 300-400V               | 2.40-4.20A     | 96.0%      | 0.96                  | 6/15KV                      | 335/345*90*48mm             |

J: 0-10V/PWM Dimming + RJ12/RJ25 network port + Knob

X: Programmable 3-in-1 Dimming+Auxiliary source

### PXS-V GM 200-480W0-10V/DALI-2/D4i/DMX512 Dimming new

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 500W  | DL-500V-500GM-PXS  | 500W         | 200-480V      | 180-500V       | 216-500V               | 0.80-2.40A     | 95.0%      | 0.97                  | 10/10KV                     | 265*90*48mm  |
| 680W  | DL-680V-500GM-PXS  | 680W         | 200-480V      | 180-500V       | 216-500V               | 1.20-3.15A     | 95.5%      | 0.95                  | 10/10KV                     | 265*90*48mm  |
| 900W  | DL-900V-500GM-PXS  | 900W         | 200-480V      | 180-500V       | 216-500V               | 1.60-4.20A     | 96.0%      | 0.97                  | 10/10KV                     | 325*90*48mm  |
| 1200W | DL-1200V-500GM-PXS | 1200W        | 200-480V      | 180-500V       | 216-500V               | 2.20-5.60A     | 96.0%      | 0.97                  | 10/10KV                     | 325*90*48mm  |

GM: DALI-2&D4i+DMX/RDM+Auxiliary Source

# PXS-A Die-Cast Integrated Housing/Road/Horticulture/Stadium/Fishery lighting LED Driver



## PRODUCT FEATURES

- Non-isolated technical solutions
- Class I structure
- Constant power design with constant current output
- Efficiency up to 97.5%
- Aluminum Die-Cast Integrated Housing
- IP66/IP67;K08
- Designed with no afterglow when turned off.
- Low input inrush current
- Lightning protection: differential mode 10KV, common mode 10KV
- Five-year warranty

## PXS-A 200-480V Die-Cast Integrated Housing, 0-10V/PWM/Timer dimming

- Ultra-high input voltage
- Input voltage:200-480Vac
- Output power:600-1800W
- Auxiliary source input:12V/0.25A
- Lightning protection: 10KV/10KV
- Isolated 3-in-1 Dimming:0-10V/PWM/Timer dimming
- Online Offline Programming
- Non-isolated two-stage design
- Ta\_max<55°C suitable for harsh working environments
- Constant power driver, constant current output control mode
- Metal housing, IP66

X: Programmable 3-in-1 Dimming + Auxiliary Source



## PXS-A GM 200-480V DALI-2&D4i + DMX/RDM + Auxiliary Source new

- Input voltage:200-480Vac
- Output power:900-1800W
- HD broadcast stadium lighting application LED Driver
- Supports strobe at 44FPS (DMX512)
- Compatible dimming solution
- Supports three dimming modes 0-10V/DALI-2/DMX512
- Support NFC Settings
- Certified by D4i, real-time interaction
- Ultra-low output ripple <1%
- Dimming range from 0.5% to 100%
- DALI-2 & DMX dimming modes switchable via software

GM:DALI-2&D4i+DMX/RDM+Auxiliary Source



## PXS-A 200-480V Die-Cast Integrated Housing, 0-10V/PWM/Timer dimming

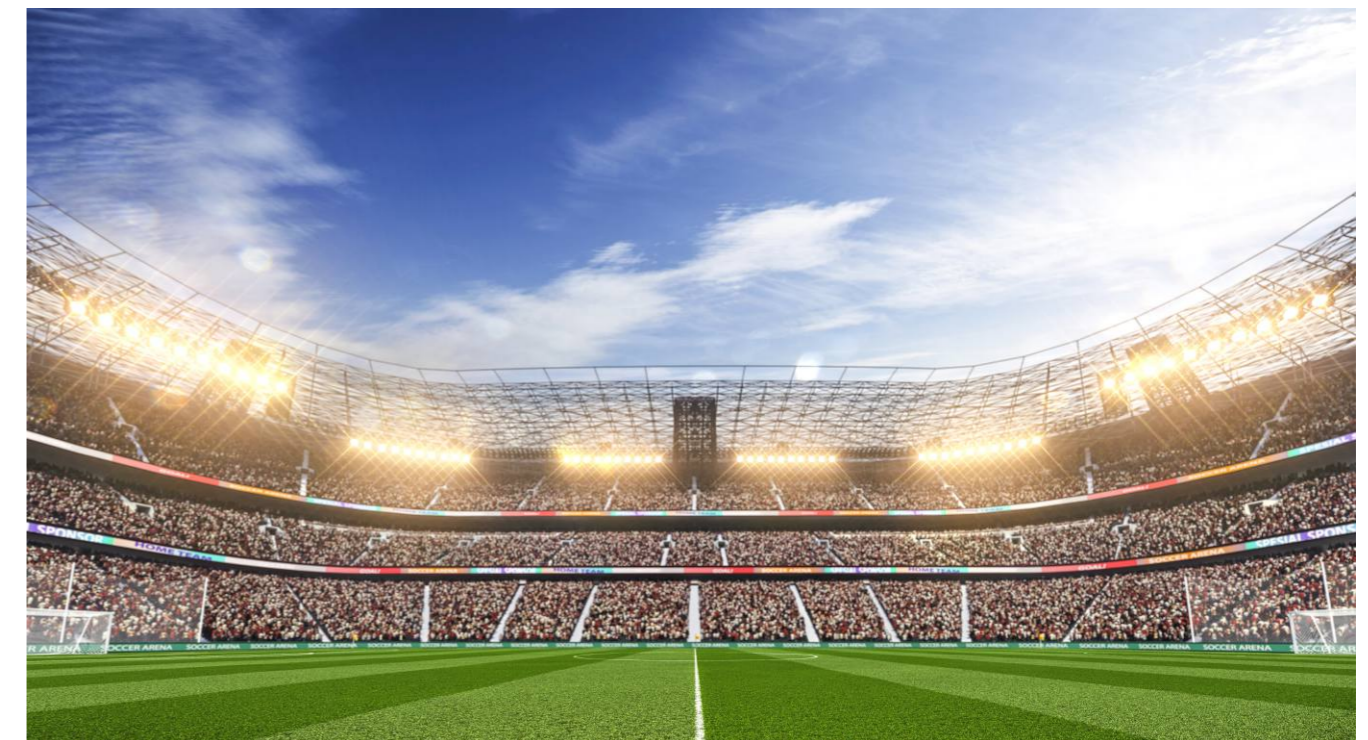
| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 600W  | DL-600V-A500X-PXS  | 600W         | 200-480V      | 300-500V       | 400-500V               | 0.80-1.50A     | 96.0%      | 0.97                  | 10/10KV                     | 334*150*59mm |
| 800W  | DL-800V-A500X-PXS  | 800W         | 200-480V      | 300-500V       | 400-500V               | 1.20-2.00A     | 96.0%      | 0.97                  | 10/10KV                     | 334*150*59mm |
| 1000W | DL-1000V-A500X-PXS | 1000W        | 200-480V      | 300-500V       | 400-500V               | 1.60-2.50A     | 96.0%      | 0.97                  | 10/10KV                     | 400*150*80mm |
| 1200W | DL-1200V-A500X-PXS | 1200W        | 200-480V      | 300-500V       | 342-500V               | 2.00-3.50A     | 96.0%      | 0.97                  | 10/10KV                     | 400*150*80mm |
| 1500W | DL-1500V-A500X-PXS | 1500W        | 200-480V      | 300-500V       | 400-500V               | 2.40-3.75A     | 97.0%      | 0.97                  | 10/10KV                     | 500*150*80mm |
| 1800W | DL-1800V-A500X-PXS | 1800W        | 200-480V      | 300-500V       | 400-500V               | 3.00-4.50A     | 97.0%      | 0.97                  | 10/10KV                     | 500*150*80mm |

X: Programmable 3-in-1 Dimming + Auxiliary Source

## PXS-A GM 200-480V DALI-2&D4i + DMX/RDM + Auxiliary Source new

| Power | Model No             | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|----------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 900W  | DL-900V-A500GM-PXS   | 900W         | 200-480V      | 180-500V       | 300-500V               | 1.50-3.00A     | 97.0%      | 0.97                  | 10/10KV                     | 334*150*59mm |
| 1500W | DL-1500V-A500GME-PXS | 1500W        | 200-480V      | 180-500V       | 277-500V               | 1.00-1.80A*3   | 97.0%      | 0.97                  | 10/10KV                     | 500*150*80mm |
| 1800W | DL-1800V-A500GME-PXS | 1800W        | 200-480V      | 180-500V       | 285-500V               | 1.20-2.10A*3   | 97.0%      | 0.97                  | 10/10KV                     | 500*150*80mm |

GM:DALI-2&D4i+DMX/RDM+Auxiliary Source



# PXG Built-in LED Driver for Horticulture/Road/Industrial lighting



## PRODUCT FEATURES

- Non-isolated technical solutions
- Built-in application
- Output voltage: 180-260Vac, constant adjustable power in the range of 200-260V  
280-400Vac, constant adjustable power in the range of 300-400V
- Efficiency up to 96%
- Auxiliary output: 12V auxiliary output standard or optional
- Class I construction
- IP42
- Lighting protection: differential mode 6KV, common mode 10KV
- Lifetime warning, Soft start, Light decay compensation
- SCP,OVP,OTP protection
- Five-year warranty

### PXG-Z 100-277V Potentiometer/3-in-1 Dimming/Auxiliary Source/Dip switch/Light control+Electronic wire

- Input voltage:100-277Vac
- Output power:40-360W
- Output: 180-260V, constant power 200-260V
- Electrical characteristics: Maximum efficiency up to 96%
- The entire series is designed with no afterglow when turned off.(X version)
- Constant power driver, constant current output control mode

A: Current Adjustable via Potentiometer  
S:3-in-1 Dimming  
X:3-in-1 Dimming+Auxiliary source  
CX:Extra wire+Light control+12V Auxiliary source  
U:Extra wire+12V Auxiliary source

CB / CE / FC / SAA / EAC / /

### PXG -V 200-480V Potentiometer/3-in-1 Dimming/Auxiliary Source/Dip switch/Light control+Electronic wire

- Input voltage:200-480Vac
- Output power:120-320W
- Output: 180-260V, Constant power 200-260V
- The entire series is designed with no afterglow when turned off.(X version)
- Electrical characteristics: Maximum efficiency up to 96%
- Constant power driver, constant current output control mode

A: Current Adjustable via Potentiometer  
X:3-in-1 Dimming+Auxiliary source  
U:Extra wire+12V Auxiliary source  
S:3-in-1 Dimming

FC / EAC /

### PXG -W 120-277V Potentiometer/3-in-1 Dimming/Auxiliary Source new

- Input voltage:120-277Vac
- Output: 180-300V, Constant power 200-300V
- Two ways output
- Electrical characteristics: Maximum efficiency up to 96%
- Lighting protection:differential mode 4KV, common mode 6KV
- Constant power driver, constant current output control mode

A: Current Adjustable via Potentiometer  
X:3-in-1 Dimming+Auxiliary source  
S:3-in-1 Dimming  
K: 0-10V/PWM + Residual glow elimination

CB / / CE / / FC

### PXG-Z 100-277V Potentiometer/3-in-1 Dimming/Auxiliary Source/Dip switch/Light control+Electronic wire

| Power | Model No                  | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size                |
|-------|---------------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|-----------------------------|
| 40W   | DL-40Z-260A/S/X-PXG       | 40W          | 100-277V      | 180-260V       | 200-260V               | 0.08-0.20A     | 92.0%      | 0.95                  | 6/10KV                      | 124*44*29mm                 |
| 60W   | DL-60Z-260A/S/X-PXG       | 60W          | 100-277V      | 180-260V       | 200-260V               | 0.15-0.30A     | 93.0%      | 0.95                  | 6/10KV                      | A/S:124*44*29/X:140*44*32mm |
| 80W   | DL-80Z-260A/S/X-PXG       | 80W          | 100-277V      | 180-260V       | 200-260V               | 0.23-0.40A     | 93.5%      | 0.95                  | 6/10KV                      | 140*44*32mm                 |
| 100W  | DL-100Z-260A/S/X/U-PXG    | 100W         | 100-277V      | 180-260V       | 200-260V               | 0.23-0.50A     | 94.0%      | 0.95                  | 6/10KV                      | 140*44*32mm                 |
| 120W  | DL-120Z-260A/S/X/CX/U-PXG | 120W         | 100-277V      | 180-260V       | 200-260V               | 0.25-0.60A     | 94.0%      | 0.95                  | 6/10KV                      | 180*44*32mm                 |
| 150W  | DL-150Z-260A/S/X/CX/U-PXG | 150W         | 100-277V      | 180-260V       | 200-260V               | 0.40-0.75A     | 94.0%      | 0.95                  | 6/10KV                      | 180*44*32mm                 |
| 200W  | DL-200Z-260A/S/X/CX/U-PXG | 200W         | 100-277V      | 180-260V       | 200-260V               | 0.55-1.05A     | 95.0%      | 0.97                  | 6/10KV                      | 210*44*32mm                 |
| 240W  | DL-240Z-260A/S/X/CX/U-PXG | 240W         | 100-277V      | 180-260V       | 200-260V               | 0.75-1.25A     | 95.0%      | 0.97                  | 6/10KV                      | 210*44*32mm                 |
| 320W  | DL-320Z-260A/S/X/CX/U-PXG | 320W         | 100-277V      | 180-260V       | 200-260V               | 0.92-1.60A     | 95.0%      | 0.97                  | 6/10KV                      | 270*44*32mm                 |
| 360W  | DL-360Z-260A/S/X/CX/U-PXG | 360W         | 100-277V      | 180-260V       | 200-260V               | 0.97-1.80A     | 95.0%      | 0.97                  | 6/10KV                      | 270*44*32mm                 |

A: Current Adjustable via Potentiometer      S:3-in-1 Dimming      X:3-in-1 Dimming+Auxiliary source      CX:Extra wire+light control+12V auxiliary source  
U:Extra wire+12V auxiliary source

### PXG-V 200-480V Potentiometer/3-in-1 Dimming/Auxiliary Source/Dip switch/Light control+Electronic wire

| Power | Model No               | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|------------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 120W  | DL-120V-260A/S/X/U-PXG | 120W         | 200-480V      | 180-260V       | 200-260V               | 0.25-0.60A     | 94.0%      | 0.95                  | 6/10KV                      | 220*44*32mm  |
| 150W  | DL-150V-260A/S/X/U-PXG | 150W         | 200-480V      | 180-260V       | 200-260V               | 0.40-0.75A     | 94.5%      | 0.95                  | 6/10KV                      | 220*44*32mm  |
| 200W  | DL-200V-260A/S/X/U-PXG | 200W         | 200-480V      | 180-260V       | 200-260V               | 0.55-1.05A     | 95.0%      | 0.95                  | 6/10KV                      | 244*44*32mm  |
| 240W  | DL-240V-260A/S/X/U-PXG | 240W         | 200-480V      | 180-260V       | 200-260V               | 0.75-1.25A     | 95.0%      | 0.95                  | 6/10KV                      | 244*44*32mm  |
| 320W  | DL-320V-260A/S/X/U-PXG | 320W         | 200-480V      | 180-260V       | 200-260V               | 0.92-1.60A     | 95.0%      | 0.95                  | 6/10KV                      | 270*44*32mm  |

A: Current Adjustable via Potentiometer      S:3-in-1 Dimming      X:3-in-1 Dimming+Auxiliary source      U:Extra wire+12V auxiliary source

### PXG-W 120-277V Potentiometer/3-in-1 Dimming/Auxiliary Source new

| Power | Model No               | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|------------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 120W  | DL-120W-300A/S/X/K-PXG | 120W         | 120-277V      | 180-300V       | 200-300V               | 0.25-0.60A     | 94.0%      | 0.96                  | 4/6KV                       | 170*44*32mm  |
| 150W  | DL-150W-300A/S/X/K-PXG | 150W         | 120-277V      | 180-300V       | 200-300V               | 0.40-0.75A     | 94.0%      | 0.96                  | 4/6KV                       | 170*44*32mm  |
| 200W  | DL-200W-300A/S/X/K-PXG | 200W         | 120-277V      | 180-300V       | 200-300V               | 0.55-1.05A     | 95.0%      | 0.98                  | 4/6KV                       | 180*44*32mm  |
| 240W  | DL-240W-300A/S/X/K-PXG | 240W         | 120-277V      | 180-300V       | 200-300V               | 0.75-1.25A     | 95.0%      | 0.98                  | 4/6KV                       | 180*44*32mm  |
| 320W  | DL-320W-300A/S/X/K-PXG | 320W         | 120-277V      | 180-300V       | 200-300V               | 0.92-1.60A     | 95.5%      | 0.97                  | 4/6KV                       | 220*44*32mm  |

A: Current Adjustable via Potentiometer      S:3-in-1 Dimming      X:3-in-1 Dimming+Auxiliary source      K: 0-10V/PWM + Residual glow elimination

## PXC Road/Tunnel Lighting LED Driver



### PXC-H 200-277V Potentiometer / Programmable Current Regulation

- Input voltage: 100-277Vac
- Lighting protection: 6/10KV
- Non-isolated technical solutions
- Protection rating: IP67

A: Current Adjustable via Potentiometer

P: Programmable 3-in-1 Dimming+Timer dimming

CB / CE / CCC / SAA / ENEC / EAC

### PXC-DV 320-480V input / Programmable 0-10V

- Input voltage: DC 320-480Vac
- Efficiency up to 97%
- Lighting protection: 5/10KV
- Protection rating: IP67

P: Programmable 3-in-1 Dimming+Timer dimming

CCC / EAC

### PXC-DU 550-750V input / Programmable 0-10V

- Input voltage: DC 550-750Vdc
- Efficiency up to 96%
- Lighting protection: 5/10KV
- Protection rating: IP67

P: Programmable 3-in-1 Dimming+Timer dimming

CCC / EAC

### PXC-H 200-277V Potentiometer/Programmable Current Regulation

| Power | Model No           | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size  |
|-------|--------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|---------------|
| 50W   | DL-50H-260A/P-PXC  | 50W          | 100-277V      | 180-260V       | 200-260V               | 0.10-0.25A     | 92.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
| 75W   | DL-75H-260A/P-PXC  | 75W          | 100-277V      | 180-260V       | 200-260V               | 0.19-0.38A     | 93.0%      | 0.95                  | 4/6KV                       | 126*41*29mm   |
| 100W  | DL-100H-260A/P-PXC | 100W         | 100-277V      | 180-260V       | 200-260V               | 0.27-0.50A     | 94.5%      | 0.95                  | 6/10KV                      | 143*49*31mm   |
| 150W  | DL-150H-260A/P-PXC | 150W         | 100-277V      | 180-260V       | 200-260V               | 0.38-0.75A     | 95.0%      | 0.95                  | 6/10KV                      | 143*49*31mm   |
| 200W  | DL-200H-260A/P-PXC | 200W         | 100-277V      | 180-260V       | 200-260V               | 0.58-1.05A     | 95.0%      | 0.95                  | 6/10KV                      | 164*53*32.5mm |
| 240W  | DL-240H-260A/P-PXC | 240W         | 100-277V      | 180-260V       | 200-260V               | 0.75-1.25A     | 95.5%      | 0.95                  | 6/10KV                      | 164*53*32.5mm |

A: Current Adjustable via Potentiometer

P: Programmable 3-in-1 Dimming+Timer dimming

### PXC-DV DC 320-480V input / Programmable 0-10V

| Power | Model No          | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Lightning protection rating | Product Size |
|-------|-------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------------|--------------|
| 40W   | DL-40DV-200P-PXC  | 40W          | 320-480V      | 130-200V       | 140-200V               | 0.10-0.29A     | 96.0%      | 5/10KV                      | 126*41*29mm  |
| 60W   | DL-60DV-200P-PXC  | 60W          | 320-480V      | 130-200V       | 140-200V               | 0.20-0.43A     | 96.0%      | 5/10KV                      | 126*41*29mm  |
| 100W  | DL-100DV-200P-PXC | 100W         | 320-480V      | 130-200V       | 140-200V               | 0.40-0.72A     | 97.0%      | 5/10KV                      | 126*41*29mm  |
| 150W  | DL-150DV-200P-PXC | 150W         | 320-480V      | 130-200V       | 140-200V               | 0.60-1.07A     | 97.0%      | 5/10KV                      | 126*41*29mm  |
| 240W  | DL-240DV-200P-PXC | 240W         | 320-480V      | 130-200V       | 140-200V               | 1.00-1.72A     | 97.0%      | 5/10KV                      | 143*49*31mm  |

P: Programmable 3-in-1 Dimming+Timer dimming

### PXC-DU DC 550-750V input / Programmable 0-10V

| Power | Model No          | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Lightning protection rating | Product Size |
|-------|-------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------------|--------------|
| 40W   | DL-40DU-200P-PXC  | 40W          | 550-750V      | 130-200V       | 140-200V               | 0.10-0.29A     | 93.0%      | 5/10KV                      | 145*50*32mm  |
| 60W   | DL-60DU-200P-PXC  | 60W          | 550-750V      | 130-200V       | 140-200V               | 0.20-0.43A     | 93.0%      | 5/10KV                      | 145*50*32mm  |
| 100W  | DL-100DU-200P-PXC | 100W         | 550-750V      | 130-200V       | 140-200V               | 0.40-0.75A     | 94.0%      | 5/10KV                      | 145*50*32mm  |
| 150W  | DL-150DU-200P-PXC | 150W         | 550-750V      | 130-200V       | 140-200V               | 0.60-1.08A     | 94.5%      | 5/10KV                      | 145*50*32mm  |
| 240W  | DL-240DU-200P-PXC | 240W         | 550-750V      | 130-200V       | 140-200V               | 1.00-1.72A     | 95.5%      | 5/10KV                      | 145*50*32mm  |

P: Programmable 3-in-1 Dimming+Timer dimming

## MCK Built-in LED Driver for Horticulture/Road /Industrial lighting



### PRODUCT FEATURES

- Rated input voltage: 120-277Vac
- 180-260V high output voltage, constant adjustable power within 200-260V output range
- Efficiency up to 95%/0.95 PF/<10%@230VAC Low harmonic interference
- Constant power driver, constant current output control mode
- Lighting protection: 6/10KV
- Metal housing, IP42
- SCP, OTP, OVP Protection

Five-year warranty

A: Current Adjustable via Potentiometer  
S: 3-in-1 Dimming  
X: 3-in-1 Dimming+Auxiliary source

CE / FC / SAA / CLASS P / UL

| Power | Model No              | Output Power | Input Voltage | Output Voltage | Constant power voltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|-----------------------|--------------|---------------|----------------|------------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 120W  | DL-120W-V260A/S/X-MCK | 120W         | 120-277V      | 180-260V       | 200-260V               | 0.25-0.60A     | 95.0%      | 0.95                  | 6/10KV                      | 150*57*32mm  |
| 150W  | DL-150W-V260A/S/X-MCK | 150W         | 120-277V      | 180-260V       | 200-260V               | 0.40-0.75A     | 95.0%      | 0.95                  | 6/10KV                      | 150*57*32mm  |
| 200W  | DL-200W-V260A/S/X-MCK | 200W         | 120-277V      | 180-260V       | 200-260V               | 0.55-1.05A     | 95.0%      | 0.95                  | 6/10KV                      | 173*57*37mm  |
| 240W  | DL-240W-V260A/S/X-MCK | 240W         | 120-277V      | 180-260V       | 200-260V               | 0.75-1.25A     | 95.0%      | 0.95                  | 6/10KV                      | 173*57*37mm  |

A: Current Adjustable via Potentiometer

S: 3-in-1 Dimming

X: 3-in-1 Dimming+Auxiliary source



# SPF Industrial lighting LED driver



## PRODUCT FEATURES

- Rated input voltage:120-277Vac
- Output voltage: 180-260Vdc
- Developed with non-isolated two-stage platform technology
- Efficiency up to95%/0.95PF/<10%Low harmonic interference
- Lightning protection:4/4KV
- Metal housing, IP65
- SCP,OTP,OVP,UVP Protection
- Five-year warranty

- A: Current Adjustable via Potentiometer**
- S: 3-in-1 Dimming**
- X: 3-in-1 Dimming+Auxiliary source**

CE / CB / FC / CCC / SAA / ENEC / ENEC / CLASS P / cUL

| Power | Model No              | Output Power | Input Voltage | Output Voltage | Constant powervoltage | Output Current | Efficiency | Power Factor (230Vac) | Lightning protection rating | Product Size |
|-------|-----------------------|--------------|---------------|----------------|-----------------------|----------------|------------|-----------------------|-----------------------------|--------------|
| 120W  | DL-120W-V260A/S/X-SPF | 120W         | 120-277V      | 180-260V       | 200-260V              | 0.25-0.60A     | 95.0%      | 0.95                  | 4/4KV                       | D*H 110*58mm |
| 125W  | DL-125W-V260A/S/X-SPF | 125W         | 120-277V      | 180-260V       | 200-260V              | 0.25-0.60A     | 95.0%      | 0.95                  | 4/4KV                       | D*H 127*60mm |
| 150W  | DL-150W-V260A/S/X-SPF | 150W         | 120-277V      | 180-260V       | 200-260V              | 0.35-0.75A     | 95.0%      | 0.95                  | 4/4KV                       | D*H 110*58mm |
| 160W  | DL-160W-V260A/S/X-SPF | 160W         | 120-277V      | 180-260V       | 200-260V              | 0.35-0.75A     | 95.0%      | 0.95                  | 4/4KV                       | D*H 127*60mm |
| 200W  | DL-200W-V260A/S/X-SPF | 200W         | 120-277V      | 180-260V       | 200-260V              | 0.55-1.05A     | 95.0%      | 0.95                  | 4/4KV                       | D*H 127*60mm |
| 240W  | DL-240W-V260A/S/X-SPF | 240W         | 120-277V      | 180-260V       | 200-260V              | 0.75-1.25A     | 95.0%      | 0.95                  | 4/4KV                       | D*H 127*60mm |

A: Current Adjustable via Potentiometer

S: 3-in-1 Dimming

X:3-in-1 Dimming+Auxiliary source



## APPLICATION SCENARIOS OF CONSTANT VOLTAGE LED DRIVER



# RXG IP67 Constant Voltage LED Driver Series



## PRODUCT FEATURES

- Rated input voltage:100~277V/200~277Vac (H/W version optional).
- 12V/24V/36V/48V Constant voltage output .
- PF ≥ 0.97.
- 4/6KV Surge protection.
- IP67 Protection level.
- Optional functions(W version) :  
S:For 1-10V 3-in-1 Dimming Function.  
D:For DALI2.0 Dimming Function.
- OTP/OVP/OLP/SCP protection.
- 5 years warranty.



## H-RXG SERIES

| Power | Model No        | Rated Power | Input Voltage | Output Voltage | Protection level | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|------------------|----------------|------------|------------------------|------------------|--------------|
| 40W   | DL-40H-V12-RXG  | 0-40W       | 200-277V      | 12V            | IP67             | 0-3.33A        | 87%        | 0.95                   | 4/6KV            | 90*63*32mm   |
|       | DL-40H-V24-RXG  | 0-40W       | 200-277V      | 24V            | IP67             | 0-1.67A        | 87%        | 0.95                   | 4/6KV            | 90*63*32mm   |
|       | DL-40H-V36-RXG  | 0-40W       | 200-277V      | 36V            | IP67             | 0-1.11A        | 87%        | 0.95                   | 4/6KV            | 90*63*32mm   |
|       | DL-40H-V48-RXG  | 0-40W       | 200-277V      | 48V            | IP67             | 0-0.83A        | 87%        | 0.95                   | 4/6KV            | 90*63*32mm   |
| 60W   | DL-60H-V12-RXG  | 0-60W       | 200-277V      | 12V            | IP67             | 0-5.0A         | 88%        | 0.95                   | 4/6KV            | 105*63*32mm  |
|       | DL-60H-V24-RXG  | 0-60W       | 200-277V      | 24V            | IP67             | 0-2.5A         | 88%        | 0.96                   | 4/6KV            | 105*63*32mm  |
|       | DL-60H-V36-RXG  | 0-60W       | 200-277V      | 36V            | IP67             | 0-1.67A        | 88%        | 0.96                   | 4/6KV            | 105*63*32mm  |
|       | DL-60H-V48-RXG  | 0-60W       | 200-277V      | 48V            | IP67             | 0-1.25A        | 88%        | 0.96                   | 4/6KV            | 105*63*32mm  |
| 75W   | DL-75H-V12-RXG  | 0-75W       | 200-277V      | 12V            | IP67             | 0-6.3A         | 88%        | 0.95                   | 4/6KV            | 138*63*32mm  |
|       | DL-75H-V24-RXG  | 0-75W       | 200-277V      | 24V            | IP67             | 0-3.2A         | 89%        | 0.95                   | 4/6KV            | 138*63*32mm  |
|       | DL-75H-V36-RXG  | 0-75W       | 200-277V      | 36V            | IP67             | 0-2.1A         | 89%        | 0.95                   | 4/6KV            | 138*63*32mm  |
|       | DL-75H-V48-RXG  | 0-75W       | 200-277V      | 48V            | IP67             | 0-1.6A         | 89%        | 0.95                   | 4/6KV            | 138*63*32mm  |
| 100W  | DL-100H-V12-RXG | 0-100W      | 200-277V      | 12V            | IP67             | 0-8.4A         | 88%        | 0.95                   | 4/6KV            | 153*63*32mm  |
|       | DL-100H-V24-RXG | 0-100W      | 200-277V      | 24V            | IP67             | 0-4.2A         | 89%        | 0.95                   | 4/6KV            | 153*63*32mm  |
|       | DL-100H-V36-RXG | 0-100W      | 200-277V      | 36V            | IP67             | 0-2.8A         | 89%        | 0.95                   | 4/6KV            | 153*63*32mm  |
|       | DL-100H-V48-RXG | 0-100W      | 200-277V      | 48V            | IP67             | 0-2.1A         | 89%        | 0.95                   | 4/6KV            | 153*63*32mm  |

| Power | Model No        | Rated Power | Input Voltage | Output Voltage | Protection level | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|------------------|----------------|------------|------------------------|------------------|--------------|
| 150W  | DL-150H-V12-RXG | 0-150W      | 200-277V      | 12V            | IP67             | 0-12.5A        | 89%        | 0.95                   | 4/6KV            | 186*63*32mm  |
|       | DL-150H-V24-RXG | 0-150W      | 200-277V      | 24V            | IP67             | 0-6.3A         | 90%        | 0.95                   | 4/6KV            | 186*63*32mm  |
|       | DL-150H-V36-RXG | 0-150W      | 200-277V      | 36V            | IP67             | 0-4.2A         | 90%        | 0.95                   | 4/6KV            | 186*63*32mm  |
|       | DL-150H-V48-RXG | 0-150W      | 200-277V      | 48V            | IP67             | 0-3.1A         | 90%        | 0.95                   | 4/6KV            | 186*63*32mm  |
| 200W  | DL-200H-V12-RXG | 0-200W      | 200-277V      | 12V            | IP67             | 0-16.7A        | 92%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-200H-V24-RXG | 0-200W      | 200-277V      | 24V            | IP67             | 0-8.3A         | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-200H-V36-RXG | 0-200W      | 200-277V      | 36V            | IP67             | 0-5.6A         | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-200H-V48-RXG | 0-200W      | 200-277V      | 48V            | IP67             | 0-4.2A         | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
| 250W  | DL-250H-V12-RXG | 0-250W      | 200-277V      | 12V            | IP67             | 0-20.8A        | 92%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-250H-V24-RXG | 0-250W      | 200-277V      | 24V            | IP67             | 0-10.4A        | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-250H-V36-RXG | 0-250W      | 200-277V      | 36V            | IP67             | 0-7A           | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-250H-V48-RXG | 0-250W      | 200-277V      | 48V            | IP67             | 0-5.2A         | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
| 320W  | DL-320H-V12-RXG | 0-320W      | 200-277V      | 12V            | IP67             | 0-26.7A        | 92%        | 0.97                   | 4/6KV            | 230*68*37mm  |
|       | DL-320H-V24-RXG | 0-320W      | 200-277V      | 24V            | IP67             | 0-13.3A        | 94%        | 0.97                   | 4/6KV            | 230*68*37mm  |
|       | DL-320H-V36-RXG | 0-320W      | 200-277V      | 36V            | IP67             | 0-8.9A         | 94%        | 0.97                   | 4/6KV            | 230*68*37mm  |
|       | DL-320H-V48-RXG | 0-320W      | 200-277V      | 48V            | IP67             | 0-6.7A         | 94%        | 0.97                   | 4/6KV            | 230*68*37mm  |
| 350W  | DL-350H-V24-RXG | 0-350W      | 200-277V      | 24V            | IP67             | 0-14.58A       | 94%        | 0.97                   | 4/6KV            | 230*68*37mm  |
|       | DL-350H-V36-RXG | 0-350W      | 200-277V      | 36V            | IP67             | 0-9.72A        | 94%        | 0.97                   | 4/6KV            | 230*68*37mm  |
|       | DL-350H-V48-RXG | 0-350W      | 200-277V      | 48V            | IP67             | 0-7.29A        | 94%        | 0.97                   | 4/6KV            | 230*68*37mm  |
| 400W  | DL-400H-V24-RXG | 0-400W      | 200-277V      | 24V            | IP67             | 0-16.67A       | 94%        | 0.97                   | 4/6KV            | 244*83*40mm  |
|       | DL-400H-V36-RXG | 0-400W      | 200-277V      | 36V            | IP67             | 0-11.15A       | 94%        | 0.97                   | 4/6KV            | 244*83*40mm  |
|       | DL-400H-V48-RXG | 0-400W      | 200-277V      | 48V            | IP67             | 0-8.35A        | 94%        | 0.97                   | 4/6KV            | 244*83*40mm  |



W-RXG SERIES

| Power | Model No        | Rated Power | Input Voltage | Output Voltage | Protection level | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|------------------|----------------|------------|------------------------|------------------|--------------|
| 30W   | DL-30W-V12-RXG  | 0-30W       | 100-277V      | 12V            | IP67             | 0-2.5A         | 87%        | 0.95                   | 4/6KV            | 110*63*32mm  |
|       | DL-30W-V24-RXG  | 0-30W       | 100-277V      | 24V            | IP67             | 0-1.25A        | 87%        | 0.95                   | 4/6KV            | 110*63*32mm  |
|       | DL-30W-V36-RXG  | 0-30W       | 100-277V      | 36V            | IP67             | 0-0.83A        | 87%        | 0.95                   | 4/6KV            | 110*63*32mm  |
|       | DL-30W-V48-RXG  | 0-30W       | 100-277V      | 48V            | IP67             | 0-0.63A        | 87%        | 0.95                   | 4/6KV            | 110*63*32mm  |
| 50W   | DL-50W-V12-RXG  | 0-50W       | 100-277V      | 12V            | IP67             | 0-4.17A        | 88%        | 0.95                   | 4/6KV            | 110*63*32mm  |
|       | DL-50W-V24-RXG  | 0-50W       | 100-277V      | 24V            | IP67             | 0-2.08A        | 88%        | 0.95                   | 4/6KV            | 110*63*32mm  |
|       | DL-50W-V36-RXG  | 0-50W       | 100-277V      | 36V            | IP67             | 0-1.39A        | 88%        | 0.95                   | 4/6KV            | 110*63*32mm  |
|       | DL-50W-V48-RXG  | 0-50W       | 100-277V      | 48V            | IP67             | 0-1.04A        | 88%        | 0.95                   | 4/6KV            | 110*63*32mm  |
| 75W   | DL-75W-V12-RXG  | 0-75W       | 100-277V      | 12V            | IP67             | 0-6.25A        | 88%        | 0.96                   | 4/6KV            | 138*63*32mm  |
|       | DL-75W-V24-RXG  | 0-75W       | 100-277V      | 24V            | IP67             | 0-3.15A        | 89%        | 0.96                   | 4/6KV            | 138*63*32mm  |
|       | DL-75W-V36-RXG  | 0-75W       | 100-277V      | 36V            | IP67             | 0-2.1A         | 89%        | 0.96                   | 4/6KV            | 138*63*32mm  |
|       | DL-75W-V48-RXG  | 0-75W       | 100-277V      | 48V            | IP67             | 0-1.57A        | 89%        | 0.96                   | 4/6KV            | 138*63*32mm  |
| 100W  | DL-100W-V12-RXG | 0-100W      | 100-277V      | 12V            | IP67             | 0-8.35A        | 88%        | 0.96                   | 4/6KV            | 153*63*32mm  |
|       | DL-100W-V24-RXG | 0-100W      | 100-277V      | 24V            | IP67             | 0-4.2A         | 89%        | 0.96                   | 4/6KV            | 153*63*32mm  |
|       | DL-100W-V36-RXG | 0-100W      | 100-277V      | 36V            | IP67             | 0-2.78A        | 89%        | 0.96                   | 4/6KV            | 153*63*32mm  |
|       | DL-100W-V48-RXG | 0-100W      | 100-277V      | 48V            | IP67             | 0-2.1A         | 89%        | 0.96                   | 4/6KV            | 153*63*32mm  |
| 150W  | DL-150W-V12-RXG | 0-150W      | 100-277V      | 12V            | IP67             | 0-12.5A        | 89%        | 0.96                   | 4/6KV            | 186*63*32mm  |
|       | DL-150W-V24-RXG | 0-150W      | 100-277V      | 24V            | IP67             | 0-6.25A        | 90%        | 0.96                   | 4/6KV            | 186*63*32mm  |
|       | DL-150W-V36-RXG | 0-150W      | 100-277V      | 36V            | IP67             | 0-4.17A        | 90%        | 0.96                   | 4/6KV            | 186*63*32mm  |
|       | DL-150W-V48-RXG | 0-150W      | 100-277V      | 48V            | IP67             | 0-3.13A        | 90%        | 0.96                   | 4/6KV            | 186*63*32mm  |
| 200W  | DL-200W-V12-RXG | 0-200W      | 100-277V      | 12V            | IP67             | 0-16.7A        | 92%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-200W-V24-RXG | 0-200W      | 100-277V      | 24V            | IP67             | 0-8.33A        | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-200W-V36-RXG | 0-200W      | 100-277V      | 36V            | IP67             | 0-5.56A        | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-200W-V48-RXG | 0-200W      | 100-277V      | 48V            | IP67             | 0-4.17A        | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
| 250W  | DL-250W-V12-RXG | 0-250W      | 100-277V      | 12V            | IP67             | 0-20.83A       | 92%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-250W-V24-RXG | 0-250W      | 100-277V      | 24V            | IP67             | 0-10.42A       | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-250W-V36-RXG | 0-250W      | 100-277V      | 36V            | IP67             | 0-6.95A        | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
|       | DL-250W-V48-RXG | 0-250W      | 100-277V      | 48V            | IP67             | 0-5.21A        | 93%        | 0.97                   | 4/6KV            | 199*63*37mm  |
| 320W  | DL-320W-V12-RXG | 0-320W      | 100-277V      | 12V            | IP67             | 0-26.67A       | 92%        | 0.97                   | 4/6KV            | 224*83*40mm  |
|       | DL-320W-V24-RXG | 0-320W      | 100-277V      | 24V            | IP67             | 0-13.33A       | 94%        | 0.97                   | 4/6KV            | 224*83*40mm  |
|       | DL-320W-V36-RXG | 0-320W      | 100-277V      | 36V            | IP67             | 0-8.9A         | 94%        | 0.97                   | 4/6KV            | 224*83*40mm  |
|       | DL-320W-V48-RXG | 0-320W      | 100-277V      | 48V            | IP67             | 0-6.67A        | 94%        | 0.97                   | 4/6KV            | 224*83*40mm  |
| 400W  | DL-400W-V24-RXG | 0-400W      | 100-277V      | 24V            | IP67             | 0-16.67A       | 94.5%      | 0.97                   | 4/6KV            | 244*83*40mm  |
|       | DL-400W-V36-RXG | 0-400W      | 100-277V      | 36V            | IP67             | 0-11.15A       | 94.5%      | 0.97                   | 4/6KV            | 244*83*40mm  |
|       | DL-400W-V48-RXG | 0-400W      | 100-277V      | 48V            | IP67             | 0-8.35A        | 94.5%      | 0.97                   | 4/6KV            | 244*83*40mm  |
| 500W  | DL-500W-V24-RXG | 0-500W      | 100-277V      | 24V            | IP67             | 0-20.83A       | 94.5%      | 0.97                   | 4/6KV            | 250*95*44mm  |
|       | DL-500W-V36-RXG | 0-500W      | 100-277V      | 36V            | IP67             | 0-13.88A       | 94.5%      | 0.97                   | 4/6KV            | 250*95*44mm  |
|       | DL-500W-V48-RXG | 0-500W      | 100-277V      | 48V            | IP67             | 0-10.41A       | 94.5%      | 0.97                   | 4/6KV            | 250*95*44mm  |
| 600W  | DL-600W-V24-RXG | 0-600W      | 100-277V      | 24V            | IP67             | 0-25.0A        | 94.5%      | 0.97                   | 4/6KV            | 258*130*45mm |
|       | DL-600W-V36-RXG | 0-600W      | 100-277V      | 36V            | IP67             | 0-16.67A       | 94.5%      | 0.97                   | 4/6KV            | 258*130*45mm |
|       | DL-600W-V48-RXG | 0-600W      | 100-277V      | 48V            | IP67             | 0-12.5A        | 94.5%      | 0.97                   | 4/6KV            | 258*130*45mm |

RXL IP67 Linear Constant Voltage Led Driver



PRODUCT FEATURES

- Rated input voltage:200~277Vac.
- 12V/24V/36V/48V Constant voltage output .
- PF≥0.95.
- 4/6KV Surge protection.
- IP67 Protection level.
- OTP/OVP/OLP/SCP protection.
- 5 years warranty.



| Power | Model No       | Rated Power | Input Voltage | Output Voltage | Protection level | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|----------------|-------------|---------------|----------------|------------------|----------------|------------|------------------------|------------------|--------------|
| 40W   | DL-40H-V12-RXL | 0-40W       | 200-277V      | 12V            | IP67             | 0-3.3A         | 84%        | 0.95                   | 4/6KV            | 125*40*30mm  |
|       | DL-40H-V24-RXL | 0-40W       | 200-277V      | 24V            | IP67             | 0-1.67A        | 85%        | 0.95                   | 4/6KV            | 125*40*30mm  |
|       | DL-40H-V36-RXL | 0-40W       | 200-277V      | 36V            | IP67             | 0-1.1A         | 85%        | 0.95                   | 4/6KV            | 125*40*30mm  |
|       | DL-40H-V48-RXL | 0-40W       | 200-277V      | 48V            | IP67             | 0-0.83A        | 85%        | 0.95                   | 4/6KV            | 125*40*30mm  |
| 60W   | DL-60H-V12-RXL | 0-60W       | 200-277V      | 12V            | IP67             | 0-5A           | 86%        | 0.95                   | 4/6KV            | 150*40*30mm  |
|       | DL-60H-V24-RXL | 0-60W       | 200-277V      | 24V            | IP67             | 0-2.5A         | 87%        | 0.95                   | 4/6KV            | 150*40*30mm  |
|       | DL-60H-V36-RXL | 0-60W       | 200-277V      | 36V            | IP67             | 0-1.67A        | 87%        | 0.95                   | 4/6KV            | 150*40*30mm  |
|       | DL-60H-V48-RXL | 0-60W       | 200-277V      | 48V            | IP67             | 0-1.25A        | 87%        | 0.95                   | 4/6KV            | 150*40*30mm  |
| 75W   | DL-75H-V12-RXL | 0-75W       | 200-277V      | 12V            | IP67             | 0-6.25A        | 86%        | 0.95                   | 4/6KV            | 150*40*30mm  |
|       | DL-75H-V24-RXL | 0-75W       | 200-277V      | 24V            | IP67             | 0-3.15A        | 88%        | 0.95                   | 4/6KV            | 150*40*30mm  |
|       | DL-75H-V36-RXL | 0-75W       | 200-277V      | 36V            | IP67             | 0-2.1A         | 88%        | 0.95                   | 4/6KV            | 150*40*30mm  |
|       | DL-75H-V48-RXL | 0-75W       | 200-277V      | 48V            | IP67             | 0-1.57A        | 88%        | 0.95                   | 4/6KV            | 150*40*30mm  |

## RXC IP67 N-PFC Constant Voltage Led Driver



### PRODUCT FEATURES

- Rated input voltage:200-240Vac.
- 12V/24V/36V/48V Constant voltage output .
- Compliant with EMC EN55035/55032 conducted/radiated emissions requirements.
- 4-6KV Surge protection.
- IP67 Protection level.
- OTP/OVP/OLP/SCP protection.
- 3 years/5 years (optional) warranty.



| Power | Model No        | Rated Power | Input Voltage | Output Voltage | Protection level | Output Current | Efficiency | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|------------------|----------------|------------|------------------|--------------|
| 100W  | DL-100H-V12-RXC | 0-80W       | 200-240V      | 12V            | IP67             | 0-6.67A        | 88%        | 4/6KV            | 138*63*32mm  |
|       | DL-100H-V24-RXC | 0-100W      | 200-240V      | 24V            | IP67             | 0-4.2A         | 89%        | 4/6KV            | 138*63*32mm  |
|       | DL-100H-V36-RXC | 0-100W      | 200-240V      | 36V            | IP67             | 0-2.78A        | 89%        | 4/6KV            | 138*63*32mm  |
|       | DL-100H-V48-RXC | 0-100W      | 200-240V      | 48V            | IP67             | 0-2.1A         | 89%        | 4/6KV            | 138*63*32mm  |
| 150W  | DL-150H-V12-RXC | 0-120W      | 200-240V      | 12V            | IP67             | 0-10A          | 89%        | 4/6KV            | 176*63*32mm  |
|       | DL-150H-V24-RXC | 0-150W      | 200-240V      | 24V            | IP67             | 0-6.25A        | 90%        | 4/6KV            | 176*63*32mm  |
|       | DL-150H-V36-RXC | 0-150W      | 200-240V      | 36V            | IP67             | 0-4.17A        | 90%        | 4/6KV            | 176*63*32mm  |
|       | DL-150H-V48-RXC | 0-150W      | 200-240V      | 48V            | IP67             | 0-3.13A        | 90%        | 4/6KV            | 176*63*32mm  |
| 200W  | DL-200H-V12-RXC | 0-160W      | 200-240V      | 12V            | IP67             | 0-13.33A       | 90%        | 4/6KV            | 199*63*37mm  |
|       | DL-200H-V24-RXC | 0-200W      | 200-240V      | 24V            | IP67             | 0-8.33A        | 90%        | 4/6KV            | 199*63*37mm  |
|       | DL-200H-V36-RXC | 0-200W      | 200-240V      | 36V            | IP67             | 0-5.56A        | 90%        | 4/6KV            | 199*63*37mm  |
|       | DL-200H-V48-RXC | 0-200W      | 200-240V      | 48V            | IP67             | 0-4.17A        | 90%        | 4/6KV            | 199*63*37mm  |
| 250W  | DL-250H-V12-RXC | 0-200W      | 200-240V      | 12V            | IP67             | 0-16.67A       | 90%        | 4/6KV            | 199*63*37mm  |
|       | DL-250H-V24-RXC | 0-250W      | 200-240V      | 24V            | IP67             | 0-10.42A       | 90%        | 4/6KV            | 199*63*37mm  |
|       | DL-250H-V36-RXC | 0-250W      | 200-240V      | 36V            | IP67             | 0-6.95A        | 90%        | 4/6KV            | 199*63*37mm  |
|       | DL-250H-V48-RXC | 0-250W      | 200-240V      | 48V            | IP67             | 0-5.21A        | 90%        | 4/6KV            | 199*63*37mm  |
| 350W  | DL-350H-V12-RXC | 0-300W      | 200-240V      | 12V            | IP67             | 0-25A          | 91%        | 4/6KV            | 244*83*40mm  |
|       | DL-350H-V24-RXC | 0-320W      | 200-240V      | 24V            | IP67             | 0-13.33A       | 91%        | 4/6KV            | 244*83*40mm  |
|       | DL-350H-V36-RXC | 0-320W      | 200-240V      | 36V            | IP67             | 0-8.9A         | 91%        | 4/6KV            | 244*83*40mm  |
|       | DL-350H-V48-RXC | 0-320W      | 200-240V      | 48V            | IP67             | 0-6.67A        | 91%        | 4/6KV            | 244*83*40mm  |
| 400W  | DL-400H-V12-RXC | 0-360W      | 200-240V      | 12V            | IP67             | 0-30A          | 91%        | 4/6KV            | 244*83*40mm  |
|       | DL-400H-V24-RXC | 0-400W      | 200-240V      | 24V            | IP67             | 0-16.67A       | 91%        | 4/6KV            | 244*83*40mm  |
|       | DL-400H-V36-RXC | 0-400W      | 200-240V      | 36V            | IP67             | 0-11.15A       | 91%        | 4/6KV            | 244*83*40mm  |
|       | DL-400H-V48-RXC | 0-400W      | 200-240V      | 48V            | IP67             | 0-8.35A        | 91%        | 4/6KV            | 244*83*40mm  |

## RAB Rainproof Power Supply



### PRODUCT FEATURES

- Rated input voltage:200-240Vac.
- 12V/24V/36V/48V Constant voltage output .
- Compliant with EMC EN55035/55032 conducted/ radiated emissions requirements.
- 4/4KV Surge protection.
- Semi-potted design rainproof.
- OTP/OVP/OLP/SCP protection.
- 3 years warranty.



| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------|--------------|
| 350W  | DL-350H-V12-RAB | 0-320W      | 200-240V      | 12V            | 0-26.67A       | 90%        | 4/4KV            | 220*130*48mm |
|       | DL-350H-V24-RAB | 0-350W      | 200-240V      | 24V            | 0-14.6A        | 91%        | 4/4KV            | 220*130*48mm |
|       | DL-350H-V36-RAB | 0-350W      | 200-240V      | 36V            | 0-9.72A        | 91%        | 4/4KV            | 220*130*48mm |
|       | DL-350H-V48-RAB | 0-350W      | 200-240V      | 48V            | 0-7.29A        | 91%        | 4/4KV            | 220*130*48mm |



## RAC Rainproof Power Supply



### PRODUCT FEATURES

- Rated input voltage:100-240Vac (When the input voltage is below 200V, the load power is 50%)
- 12V/24V/36V/48V Constant voltage output .
- PF≥0.97
- 4/4KV Surge protection.
- Semi-potted design rainproof.
- OTP/OVP/OLP/SCP protection.
- 3 years warranty

CB / CE / CCC

| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|--------------|
| 250W  | DL-250H-V12-RAC | 0-250W      | 100-240V      | 12V            | 0-20.9A        | 88%        | 0.98                   | 4/4KV            | 200*120*41mm |
|       | DL-250H-V24-RAC | 0-250W      | 100-240V      | 24V            | 0-10.4A        | 89%        | 0.98                   | 4/4KV            | 200*120*41mm |
|       | DL-250H-V36-RAC | 0-250W      | 100-240V      | 36V            | 0-6.93A        | 90%        | 0.98                   | 4/4KV            | 200*120*41mm |
|       | DL-250H-V48-RAC | 0-250W      | 100-240V      | 48V            | 0-5.2A         | 90%        | 0.98                   | 4/4KV            | 200*120*41mm |
| 400W  | DL-400H-V12-RAC | 0-360W      | 100-240V      | 12V            | 0-30A          | 91%        | 0.98                   | 4/4KV            | 220*130*48mm |
|       | DL-400H-V24-RAC | 0-400W      | 100-240V      | 24V            | 0-16.7A        | 90%        | 0.98                   | 4/4KV            | 220*130*48mm |
|       | DL-400H-V36-RAC | 0-400W      | 100-240V      | 36V            | 0-11.1A        | 91%        | 0.98                   | 4/4KV            | 220*130*48mm |
|       | DL-400H-V48-RAC | 0-400W      | 100-240V      | 48V            | 0-8.34A        | 91%        | 0.98                   | 4/4KV            | 220*130*48mm |



## RAP IP67 ClassII/Class2 Power Supply



### PRODUCT FEATURES

- Rated input voltage:100-240Vac.
- 12V/24V/36V/48V Constant voltage output .
- Class II/Class 2 standard.
- Compliant with EMC EN55035/55032 conducted/ radiated emissions requirements.
- 4KV Surge protection.
- IP67 Protection level.
- OTP/OVP/OLP/SCP protection.
- 3 years warranty.

CE / CB / FC / IEC / EMC / RoHS

| Power | Model No.      | Rated Power | Input Voltage | Output Voltage | Protection level | Output Current | Efficiency | Surge Protection | Product Size |
|-------|----------------|-------------|---------------|----------------|------------------|----------------|------------|------------------|--------------|
| 8W    | DL-8W-V5-RAP   | 0-8W        | 100-240V      | 5V             | IP67             | 1.60A          | 84%        | 2KV              | 52*30*22mm   |
|       | DL-8W-V12-RAP  | 0-8W        | 100-240V      | 12V            | IP67             | 0.67A          | 84%        | 2KV              | 52*30*22mm   |
|       | DL-8W-V24-RAP  | 0-8W        | 100-240V      | 24V            | IP67             | 0.33A          | 84%        | 2KV              | 52*30*22mm   |
| 16W   | DL-16W-V5-RAP  | 0-16W       | 100-240V      | 5V             | IP67             | 3.20A          | 86%        | 2KV              | 70*36*23mm   |
|       | DL-16W-V12-RAP | 0-16W       | 100-240V      | 12V            | IP67             | 1.33A          | 86%        | 2KV              | 70*36*23mm   |
|       | DL-16W-V24-RAP | 0-16W       | 100-240V      | 24V            | IP67             | 0.67A          | 86%        | 2KV              | 70*36*23mm   |
| 24W   | DL-24W-V12-RAP | 0-24W       | 100-240V      | 12V            | IP67             | 2.00A          | 88%        | 2KV              | 70*36*23mm   |
|       | DL-24W-V24-RAP | 0-24W       | 100-240V      | 24V            | IP67             | 1.00A          | 88%        | 2KV              | 70*36*23mm   |
|       | DL-24W-V36-RAP | 0-24W       | 100-240V      | 36V            | IP67             | 0.67A          | 88%        | 2KV              | 70*36*23mm   |
| 30W   | DL-30W-V12-RAP | 0-30W       | 100-240V      | 12V            | IP67             | 0-2.5A         | 84%        | 4KV              | 118*35*26mm  |
|       | DL-30W-V24-RAP | 0-30W       | 100-240V      | 24V            | IP67             | 0-1.3A         | 85%        | 4KV              | 118*35*26mm  |
|       | DL-30W-V36-RAP | 0-30W       | 100-240V      | 36V            | IP67             | 0-2.5A         | 85%        | 4KV              | 118*35*26mm  |
|       | DL-30W-V48-RAP | 0-30W       | 100-240V      | 48V            | IP67             | 0-1.3A         | 85%        | 4KV              | 118*35*26mm  |

**RAP** IP67 ClassII/Class2 Power Supply

| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Protection level | Output Current | Efficiency | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|------------------|----------------|------------|------------------|--------------|
| 50W   | DL-50W-V12-RAP  | 0-50W       | 100-240V      | 12V            | IP67             | 0-4.2A         | 86%        | 4KV              | 118*35*26mm  |
|       | DL-50W-V24-RAP  | 0-50W       | 100-240V      | 24V            | IP67             | 0-2.1A         | 87%        | 4KV              | 118*35*26mm  |
|       | DL-50W-V36-RAP  | 0-50W       | 100-240V      | 36V            | IP67             | 0-1.4A         | 87%        | 4KV              | 118*35*26mm  |
|       | DL-50W-V48-RAP  | 0-50W       | 100-240V      | 48V            | IP67             | 0-1.05A        | 87%        | 4KV              | 118*35*26mm  |
| 75W   | DL-75W-V12-RAP  | 0-75W       | 100-240V      | 12V            | IP67             | 0-6.25A        | 87%        | 4KV              | 162*40*32mm  |
|       | DL-75W-V24-RAP  | 0-75W       | 100-240V      | 24V            | IP67             | 0-3.13A        | 88%        | 4KV              | 162*40*32mm  |
|       | DL-75W-V36-RAP  | 0-75W       | 100-240V      | 36V            | IP67             | 0-2.15A        | 88%        | 4KV              | 162*40*32mm  |
|       | DL-75W-V48-RAP  | 0-75W       | 100-240V      | 48V            | IP67             | 0-1.6A         | 88%        | 4KV              | 162*40*32mm  |
| 100W  | DL-100W-V12-RAP | 0-100W      | 100-240V      | 12V            | IP67             | 0-8.3A         | 88%        | 4KV              | 171*53*37mm  |
|       | DL-100W-V24-RAP | 0-100W      | 100-240V      | 24V            | IP67             | 0-4.2A         | 89%        | 4KV              | 171*53*37mm  |
|       | DL-100W-V36-RAP | 0-100W      | 100-240V      | 36V            | IP67             | 0-2.8A         | 89%        | 4KV              | 171*53*37mm  |
|       | DL-100W-V48-RAP | 0-100W      | 100-240V      | 48V            | IP67             | 0-2.1A         | 89%        | 4KV              | 171*53*37mm  |
| 150W  | DL-150W-V12-RAP | 0-150W      | 100-240V      | 12V            | IP67             | 0-12.5A        | 89%        | 4KV              | 171*53*37mm  |
|       | DL-150W-V24-RAP | 0-150W      | 100-240V      | 24V            | IP67             | 0-6.25A        | 90%        | 4KV              | 171*53*37mm  |
|       | DL-150W-V36-RAP | 0-150W      | 100-240V      | 36V            | IP67             | 0-4.2A         | 90%        | 4KV              | 171*53*37mm  |
|       | DL-150W-V48-RAP | 0-150W      | 100-240V      | 48V            | IP67             | 0-3.15A        | 90%        | 4KV              | 171*53*37mm  |



**RAS** IP67 CLASSII/Class2 Dimmable Constant Voltage Led Driver



**PRODUCT FEATURES**

- Rated input voltage:100~277Vac.
  - 12V/24V/36V/48V Constant voltage output .
  - ClassII/Class2 standard.
  - PF ≥ 0.97.
  - 4KV Surge protection.
  - IP67 Protection level.
  - Standby power consumption ≤0.5W.
  - OTP/OVP/OLP/SCP protection.
  - 5 years warranty.
- Optional functions:  
S:For 0-10V 3-in-1 Dimming Function.  
D:For DALI2.0 Dimming Function.



| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Protection level | Output Current | Efficiency | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|------------------|----------------|------------|------------------|--------------|
| 30W   | DL-30W-V12-RAS  | 0-30W       | 100-277V      | 12V            | IP67             | 0-2.5A         | 89%        | 4KV              | 162*40*32mm  |
|       | DL-30W-V24-RAS  | 0-30W       | 100-277V      | 24V            | IP67             | 0-1.25A        | 89%        | 4KV              | 162*40*32mm  |
|       | DL-30W-V36-RAS  | 0-30W       | 100-277V      | 36V            | IP67             | 0-0.83A        | 89%        | 4KV              | 162*40*32mm  |
|       | DL-30W-V48-RAS  | 0-30W       | 100-277V      | 48V            | IP67             | 0-0.63A        | 89%        | 4KV              | 162*40*32mm  |
| 50W   | DL-50W-V12-RAS  | 0-50W       | 100-277V      | 12V            | IP67             | 0-4.2A         | 89%        | 4KV              | 162*40*32mm  |
|       | DL-50W-V24-RAS  | 0-50W       | 100-277V      | 24V            | IP67             | 0-2.1A         | 89%        | 4KV              | 162*40*32mm  |
|       | DL-50W-V36-RAS  | 0-50W       | 100-277V      | 36V            | IP67             | 0-1.4A         | 89%        | 4KV              | 162*40*32mm  |
|       | DL-50W-V48-RAS  | 0-50W       | 100-277V      | 48V            | IP67             | 0-1.05A        | 89%        | 4KV              | 162*40*32mm  |
| 75W   | DL-75W-V12-RAS  | 0-75W       | 100-277V      | 12V            | IP67             | 0-6.25A        | 89%        | 4KV              | 171*53*37mm  |
|       | DL-75W-V24-RAS  | 0-75W       | 100-277V      | 24V            | IP67             | 0-3.13A        | 89%        | 4KV              | 171*53*37mm  |
|       | DL-75W-V36-RAS  | 0-75W       | 100-277V      | 36V            | IP67             | 0-2.15A        | 89%        | 4KV              | 171*53*37mm  |
|       | DL-75W-V48-RAS  | 0-75W       | 100-277V      | 48V            | IP67             | 0-1.6A         | 89%        | 4KV              | 171*53*37mm  |
| 100W  | DL-100W-V12-RAS | 0-100W      | 100-277V      | 12V            | IP67             | 0-8.3A         | 89%        | 4KV              | 181*63*37mm  |
|       | DL-100W-V24-RAS | 0-100W      | 100-277V      | 24V            | IP67             | 0-4.2A         | 89%        | 4KV              | 181*63*37mm  |
|       | DL-100W-V36-RAS | 0-100W      | 100-277V      | 36V            | IP67             | 0-2.8A         | 89%        | 4KV              | 181*63*37mm  |
|       | DL-100W-V48-RAS | 0-100W      | 100-277V      | 48V            | IP67             | 0-2.1A         | 89%        | 4KV              | 181*63*37mm  |
| 150W  | DL-150W-V12-RAS | 0-150W      | 100-277V      | 12V            | IP67             | 0-12.5A        | 89%        | 4KV              | 183*63*37mm  |
|       | DL-150W-V24-RAS | 0-150W      | 100-277V      | 24V            | IP67             | 0-6.25A        | 89%        | 4KV              | 183*63*37mm  |
|       | DL-150W-V36-RAS | 0-150W      | 100-277V      | 36V            | IP67             | 0-4.2A         | 89%        | 4KV              | 183*63*37mm  |
|       | DL-150W-V48-RAS | 0-150W      | 100-277V      | 48V            | IP67             | 0-3.15A        | 89%        | 4KV              | 183*63*37mm  |
| 200W  | DL-200W-V12-RAS | 0-200W      | 100-277V      | 12V            | IP67             | 0-16.66A       | 89%        | 4KV              | 183*63*37mm  |
|       | DL-200W-V24-RAS | 0-200W      | 100-277V      | 24V            | IP67             | 0-8.33A        | 89%        | 4KV              | 183*63*37mm  |
|       | DL-200W-V36-RAS | 0-200W      | 100-277V      | 36V            | IP67             | 0-5.55A        | 89%        | 4KV              | 183*63*37mm  |
|       | DL-200W-V48-RAS | 0-200W      | 100-277V      | 48V            | IP67             | 0-4.16A        | 89%        | 4KV              | 183*63*37mm  |

## RAS-C IP67 CLASSII/2 Dimmable Constant Current Power Supply



### PRODUCT FEATURES

- Rated input voltage:100~277Vac.
- Conventional constant current output, adjustable via NFC programming
- ClassII/Class2 standard.
- $PF \geq 0.97$ .
- 4KV Surge protection.
- IP67 Protection level.
- Standby power consumption  $\leq 0.5W$ .
- Optional functions:
  - S:For 0-10V 3-in-1 Dimming Function.
  - D:For DALI2.0 Dimming Function.
- OTP/OVP/OLP/SCP protection.
- 5 years warranty.



| Power | Model No.      | maximum power | Input Voltage | Constant power voltage | Protection level | Constant current output range | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|----------------|---------------|---------------|------------------------|------------------|-------------------------------|------------|------------------------|------------------|--------------|
| 30W   | DL-30W-C42-RAS | 30W           | 100-277V      | 30-42V                 | IP67             | 0.3-1A                        | 88%        | 0.96                   | 4KV              | 162*40*32mm  |
| 50W   | DL-50W-C42-RAS | 50W           | 100-277V      | 30-42V                 | IP67             | 0.5-1.7A                      | 88%        | 0.97                   | 4KV              | 162*40*32mm  |



## RAL Dimmable Led Driver



### PRODUCT FEATURES

- Rated input voltage:200-240Vac.
- 12V/24V/36V/48V Constant voltage output .
- $PF \geq 0.97$ .
- Compliant with IEEE1789 standard
- for healthy lighting without flicker.
- Ultra-thin design, with the thinnest structure measuring 16mm.
- Standby power consumption  $\leq 0.5W$ .

- Optional functions:
  - S:For 0-10V 3-in-1 Dimming Function.
  - D:For DALI2.0 DT6 Dimming Function.
  - D8:For DALI2.0 DT8 Dimming Function.
- OTP/OVP/OLP/SCP protection.
- 5 years warranty.



| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|--------------|
| 30W   | DL-30H-V12-RAL  | 0-30W       | 200-240V      | 12V            | 0-2.5A         | 86%        | 0.96                   | 1-2KV            | 250*30*16mm  |
|       | DL-30H-V24-RAL  | 0-30W       | 200-240V      | 24V            | 0-1.25A        | 86%        | 0.96                   | 1-2KV            | 250*30*16mm  |
|       | DL-30H-V36-RAL  | 0-30W       | 200-240V      | 36V            | 0-0.83A        | 86%        | 0.96                   | 1-2KV            | 250*30*16mm  |
|       | DL-30H-V48-RAL  | 0-30W       | 200-240V      | 48V            | 0-0.62A        | 87%        | 0.96                   | 1-2KV            | 250*30*16mm  |
| 50W   | DL-50H-V12-RAL  | 0-50W       | 200-240V      | 12V            | 0-4.16A        | 87%        | 0.96                   | 1-2KV            | 250*30*16mm  |
|       | DL-50H-V24-RAL  | 0-50W       | 200-240V      | 24V            | 0-2.08A        | 87%        | 0.96                   | 1-2KV            | 250*30*16mm  |
|       | DL-50H-V36-RAL  | 0-50W       | 200-240V      | 36V            | 0-1.38A        | 88%        | 0.96                   | 1-2KV            | 250*30*16mm  |
|       | DL-50H-V48-RAL  | 0-50W       | 200-240V      | 48V            | 0-1.04A        | 88%        | 0.96                   | 1-2KV            | 250*30*16mm  |
| 75W   | DL-75H-V12-RAL  | 0-75W       | 200-240V      | 12V            | 0-6.25A        | 88%        | 0.96                   | 1-2KV            | 280*30*16mm  |
|       | DL-75H-V24-RAL  | 0-75W       | 200-240V      | 24V            | 0-3.12A        | 88%        | 0.96                   | 1-2KV            | 280*30*16mm  |
|       | DL-75H-V36-RAL  | 0-75W       | 200-240V      | 36V            | 0-2.08A        | 89%        | 0.96                   | 1-2KV            | 280*30*16mm  |
|       | DL-75H-V48-RAL  | 0-75W       | 200-240V      | 48V            | 0-1.56A        | 89%        | 0.96                   | 1-2KV            | 280*30*16mm  |
| 100W  | DL-100H-V12-RAL | 0-100W      | 200-240V      | 12V            | 0-8.33A        | 90%        | 0.97                   | 1-2KV            | 320*30*21mm  |
|       | DL-100H-V24-RAL | 0-100W      | 200-240V      | 24V            | 0-4.16A        | 93%        | 0.97                   | 1-2KV            | 320*30*21mm  |
|       | DL-100H-V36-RAL | 0-100W      | 200-240V      | 36V            | 0-2.77A        | 93%        | 0.97                   | 1-2KV            | 320*30*21mm  |
|       | DL-100H-V48-RAL | 0-100W      | 200-240V      | 48V            | 0-2.08A        | 93%        | 0.97                   | 1-2KV            | 320*30*21mm  |
| 150W  | DL-150H-V12-RAL | 0-150W      | 200-240V      | 12V            | 0-12.5A        | 91%        | 0.97                   | 1-2KV            | 320*30*21mm  |
|       | DL-150H-V24-RAL | 0-150W      | 200-240V      | 24V            | 0-6.25A        | 93.5%      | 0.97                   | 1-2KV            | 320*30*21mm  |
|       | DL-150H-V36-RAL | 0-150W      | 200-240V      | 36V            | 0-4.16A        | 93.5%      | 0.97                   | 1-2KV            | 320*30*21mm  |
|       | DL-150H-V48-RAL | 0-150W      | 200-240V      | 48V            | 0-3.12A        | 93.5%      | 0.97                   | 1-2KV            | 320*30*21mm  |

# RAN IP20 Dimmable Led Driver



## PRODUCT FEATURES

- Rated input voltage:200-240Vac.
- 12V/24V/36V/48V Constant voltage output .
- PF≥0.97
- Compliant with IEEE1789 standard for healthy lighting without flicker.
- Standby power consumption≤0.5W.
- Optional functions:
  - S:For 0-10V 3-in-1 Dimming Function.
  - D:For DALI2.0 DT6 Dimming Function.
  - D8:For DALI2.0 DT8 Dimming Function.
- OTP/OVP/OLP/SCP protection.
- 5 years warranty.

CB / CE / CCC / SAA /

| Power | Model No.      | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|--------------|
| 8W    | DL-8H-V5-RAN   | 0-8W        | 200-240V      | 5V             | 0-1.60A        | 84%        | 0.95                   | 2-4KV            | 115*40*26mm  |
|       | DL-8H-V12-RAN  | 0-8W        | 200-240V      | 12V            | 0-0.67A        | 84%        | 0.95                   | 2-4KV            | 115*40*26mm  |
|       | DL-8H-V24-RAN  | 0-8W        | 200-240V      | 24V            | 0-0.33A        | 84%        | 0.95                   | 2-4KV            | 115*40*26mm  |
| 16W   | DL-16H-V5-RAN  | 0-16W       | 200-240V      | 5V             | 0-3.20A        | 86%        | 0.95                   | 2-4KV            | 115*40*26mm  |
|       | DL-16H-V12-RAN | 0-16W       | 200-240V      | 12V            | 0-1.33A        | 86%        | 0.95                   | 2-4KV            | 115*40*26mm  |
|       | DL-16H-V24-RAN | 0-16W       | 200-240V      | 24V            | 0-0.67A        | 86%        | 0.95                   | 2-4KV            | 115*40*26mm  |
| 24W   | DL-24H-V5-RAN  | 0-24W       | 200-240V      | 12V            | 0-2.00A        | 88%        | 0.95                   | 2-4KV            | 115*40*26mm  |
|       | DL-24H-V12-RAN | 0-24W       | 200-240V      | 24V            | 0-1.00A        | 88%        | 0.95                   | 2-4KV            | 115*40*26mm  |
|       | DL-24H-V24-RAN | 0-24W       | 200-240V      | 36V            | 0-0.67A        | 88%        | 0.95                   | 2-4KV            | 115*40*26mm  |
| 30W   | DL-30H-V12-RAN | 0-30W       | 200-240V      | 12V            | 0-2.5A         | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |
|       | DL-30H-V24-RAN | 0-30W       | 200-240V      | 24V            | 0-1.25A        | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |
|       | DL-30H-V36-RAN | 0-30W       | 200-240V      | 36V            | 0-0.83A        | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |
|       | DL-30H-V48-RAN | 0-30W       | 200-240V      | 48V            | 0-0.63A        | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |
| 50W   | DL-50H-V12-RAN | 0-50W       | 200-240V      | 12V            | 0-4.2A         | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |
|       | DL-50H-V24-RAN | 0-50W       | 200-240V      | 24V            | 0-2.1A         | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |
|       | DL-50H-V36-RAN | 0-50W       | 200-240V      | 36V            | 0-1.4A         | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |
|       | DL-50H-V48-RAN | 0-50W       | 200-240V      | 48V            | 0-1.05A        | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |

The detailed parameter please refer to our specification

| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|--------------|
| 75W   | DL-75H-V12-RAN  | 0-75W       | 200-240V      | 12V            | 0-6.25A        | 90%        | 0.96                   | 2-4KV            | 165*40*26mm  |
|       | DL-75H-V24-RAN  | 0-75W       | 200-240V      | 24V            | 0-3.13A        | 90%        | 0.96                   | 2-4KV            | 165*40*26mm  |
|       | DL-75H-V36-RAN  | 0-75W       | 200-240V      | 36V            | 0-2.1A         | 90%        | 0.96                   | 2-4KV            | 165*40*26mm  |
|       | DL-75H-V48-RAN  | 0-75W       | 200-240V      | 48V            | 0-1.6A         | 90%        | 0.96                   | 2-4KV            | 165*40*26mm  |
| 100W  | DL-100H-V12-RAN | 0-100W      | 200-240V      | 12V            | 0-8.3A         | 92%        | 0.97                   | 2-4KV            | 225*43*30mm  |
|       | DL-100H-V24-RAN | 0-100W      | 200-240V      | 24V            | 0-4.2A         | 92%        | 0.97                   | 2-4KV            | 225*43*30mm  |
|       | DL-100H-V36-RAN | 0-100W      | 200-240V      | 36V            | 0-2.8A         | 92%        | 0.97                   | 2-4KV            | 225*43*30mm  |
|       | DL-100H-V48-RAN | 0-100W      | 200-240V      | 48V            | 0-2.1A         | 92%        | 0.97                   | 2-4KV            | 225*43*30mm  |
| 150W  | DL-150H-V12-RAN | 0-150W      | 200-240V      | 12V            | 0-12.5A        | 92%        | 0.97                   | 2-4KV            | 225*43*30mm  |
|       | DL-150H-V24-RAN | 0-150W      | 200-240V      | 24V            | 0-6.25A        | 92%        | 0.97                   | 2-4KV            | 225*43*30mm  |
|       | DL-150H-V36-RAN | 0-150W      | 200-240V      | 36V            | 0-4.2A         | 92%        | 0.97                   | 2-4KV            | 225*43*30mm  |
|       | DL-150H-V48-RAN | 0-150W      | 200-240V      | 48V            | 0-3.15A        | 92%        | 0.97                   | 2-4KV            | 225*43*30mm  |
| 200W  | DL-200H-V12-RAN | 0-200W      | 200-240V      | 12V            | 0-16.6A        | 93.5%      | 0.97                   | 2-4KV            | 265*43*30mm  |
|       | DL-200H-V24-RAN | 0-200W      | 200-240V      | 24V            | 0-8.33A        | 93.5%      | 0.97                   | 2-4KV            | 265*43*30mm  |
|       | DL-200H-V36-RAN | 0-200W      | 200-240V      | 36V            | 0-5.55A        | 93.5%      | 0.97                   | 2-4KV            | 265*43*30mm  |
|       | DL-200H-V48-RAN | 0-200W      | 200-240V      | 48V            | 0-4.16A        | 93.5%      | 0.97                   | 2-4KV            | 265*43*30mm  |
| 250W  | DL-250H-V12-RAN | 0-250W      | 200-240V      | 12V            | 0-20.8A        | 94%        | 0.97                   | 2-4KV            | 265*43*30mm  |
|       | DL-250H-V24-RAN | 0-250W      | 200-240V      | 24V            | 0-10.41A       | 94%        | 0.97                   | 2-4KV            | 265*43*30mm  |
|       | DL-250H-V36-RAN | 0-250W      | 200-240V      | 36V            | 0-6.94A        | 94%        | 0.97                   | 2-4KV            | 265*43*30mm  |
|       | DL-250H-V48-RAN | 0-250W      | 200-240V      | 48V            | 0-5.20A        | 94%        | 0.97                   | 2-4KV            | 265*43*30mm  |



The detailed parameter please refer to our specification

## RAN-C Dimmable Constant Current Power Supply



### PRODUCT FEATURES

- Rated input voltage:200-240Vac.
  - Conventional constant current output, adjustable via NFC programming
  - PF≥0.97
  - Compliant with IEEE1789 standard for healthy lighting without flicker.
  - Standby power consumption≤0.5W.
  - OTP/OVP/OLP/SCP protection.
  - 5 years warranty.
- Optional functions:  
S:For 0-10V 3-in-1 Dimming Function.  
D:For DALI2.0 DT6 Dimming Function.  
D8:For DALI2.0 DT8 Dimming Function.

CB / CE / CCC / SAA / 

| Power | Model No.      | maximum power | Input Voltage | Constant power voltage | Constant current output range | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|----------------|---------------|---------------|------------------------|-------------------------------|------------|------------------------|------------------|--------------|
| 8W    | DL-8H-C42-RAN  | 8W            | 200-240V      | 30-42V                 | 100-270mA                     | 89%        | 0.85                   | 1-2KV            | 127*38*26mm  |
| 16W   | DL-16H-C42-RAN | 16W           | 200-240V      | 30-42V                 | 200-550mA                     | 89%        | 0.85                   | 1-2KV            | 127*38*26mm  |
| 24W   | DL-24H-C42-RAN | 24W           | 200-240V      | 30-42V                 | 300-800mA                     | 89%        | 0.85                   | 1-2KV            | 127*38*26mm  |
| 30W   | DL-30H-C42-RAN | 30W           | 200-240V      | 30-42V                 | 0.3-1A                        | 89%        | 0.96                   | 2-4KV            | 127*40*26mm  |
| 50W   | DL-50H-C42-RAN | 50W           | 200-240V      | 30-42V                 | 0.5-1.7A                      | 89%        | 0.97                   | 2-4KV            | 127*40*26mm  |



## EXC N-PFC Enclosed Type Power Supply



### PRODUCT FEATURES

- Rated input voltage:100-240Vac (200-600W requires dialing to switch AC input range)
- Capable of 305Vac input for 5 seconds.
- Compliant with EMC EN55035/55032 conducted/radiated emissions requirements.
- Operating temperature up to 70°C
- Over-Voltage Category: III
- Low standby power consumption
- Function Selection: B: Peak Power protection  
(Support up to 200% peak output power for 5 second)
- OTP/OVP/OLP/SCP protection.
- 3 years warranty.

CE / CB /  / 

| Power | Model No.      | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size |
|-------|----------------|-------------|---------------|----------------|----------------|------------|------------------|--------------|
| 15W   | DL-15W-V5-EXC  | 0-15W       | 100-240V      | 5V             | 0-3A           | 80%        | 2-4KV            | 62.5*51*28mm |
|       | DL-15W-V12-EXC | 0-15W       | 100-240V      | 12V            | 0-1.25A        | 83%        | 2-4KV            | 62.5*51*28mm |
|       | DL-15W-V24-EXC | 0-15W       | 100-240V      | 24V            | 0-0.63A        | 83%        | 2-4KV            | 62.5*51*28mm |
|       | DL-15W-V36-EXC | 0-15W       | 100-240V      | 36V            | 0-0.42A        | 83%        | 2-4KV            | 62.5*51*28mm |
| 25W   | DL-15W-V48-EXC | 0-15W       | 100-240V      | 48V            | 0-0.31A        | 83%        | 2-4KV            | 62.5*51*28mm |
|       | DL-25W-V5-EXC  | 0-25W       | 100-240V      | 5V             | 0-5A           | 82%        | 2-4KV            | 62.5*51*28mm |
|       | DL-25W-V12-EXC | 0-25W       | 100-240V      | 12V            | 0-2.08A        | 85%        | 2-4KV            | 62.5*51*28mm |
|       | DL-25W-V24-EXC | 0-25W       | 100-240V      | 24V            | 0-1.05A        | 85%        | 2-4KV            | 62.5*51*28mm |
| 35W   | DL-25W-V36-EXC | 0-25W       | 100-240V      | 36V            | 0-0.7A         | 85%        | 2-4KV            | 62.5*51*28mm |
|       | DL-25W-V48-EXC | 0-25W       | 100-240V      | 48V            | 0-0.7A         | 85%        | 2-4KV            | 62.5*51*28mm |
|       | DL-35W-V12-EXC | 0-35W       | 100-240V      | 12V            | 0-2.92A        | 87%        | 2-4KV            | 99*82*30mm   |
|       | DL-35W-V15-EXC | 0-35W       | 100-240V      | 15V            | 0-2.34A        | 87%        | 2-4KV            | 99*82*30mm   |
| 50W   | DL-35W-V24-EXC | 0-35W       | 100-240V      | 24V            | 0-1.46A        | 88%        | 2-4KV            | 99*82*30mm   |
|       | DL-35W-V36-EXC | 0-35W       | 100-240V      | 36V            | 0-0.97A        | 88%        | 2-4KV            | 99*82*30mm   |
|       | DL-35W-V48-EXC | 0-35W       | 100-240V      | 48V            | 0-0.73A        | 88%        | 2-4KV            | 99*82*30mm   |
|       | DL-50W-V12-EXC | 0-50W       | 100-240V      | 12V            | 0-4.17A        | 88%        | 2-4KV            | 99*82*30mm   |
| 50W   | DL-50W-V15-EXC | 0-50W       | 100-240V      | 15V            | 0-3.34A        | 88%        | 2-4KV            | 99*82*30mm   |
|       | DL-50W-V24-EXC | 0-50W       | 100-240V      | 24V            | 0-2.08A        | 89%        | 2-4KV            | 99*82*30mm   |
|       | DL-50W-V36-EXC | 0-50W       | 100-240V      | 36V            | 0-1.39A        | 89%        | 2-4KV            | 99*82*30mm   |
|       | DL-50W-V48-EXC | 0-50W       | 100-240V      | 48V            | 0-1.04A        | 89%        | 2-4KV            | 99*82*30mm   |

| Power | Model No.       | Rated Power | Input Voltage     | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size |
|-------|-----------------|-------------|-------------------|----------------|----------------|------------|------------------|--------------|
| 75W   | DL-75W-V12-EXC  | 0-75W       | 100-240V          | 12V            | 0-6.25A        | 89%        | 2-4KV            | 99*97*30mm   |
|       | DL-75W-V15-EXC  | 0-75W       | 100-240V          | 15V            | 0-5A           | 89%        | 2-4KV            | 99*97*30mm   |
|       | DL-75W-V24-EXC  | 0-75W       | 100-240V          | 24V            | 0-3.13A        | 90%        | 2-4KV            | 99*97*30mm   |
|       | DL-75W-V36-EXC  | 0-75W       | 100-240V          | 36V            | 0-2.08A        | 90%        | 2-4KV            | 99*97*30mm   |
|       | DL-75W-V48-EXC  | 0-75W       | 100-240V          | 48V            | 0-1.56A        | 90%        | 2-4KV            | 99*97*30mm   |
| 100W  | DL-100W-V12-EXC | 0-100W      | 100-240V          | 12V            | 0-8.33A        | 89%        | 2-4KV            | 129*97*30mm  |
|       | DL-100W-V15-EXC | 0-100W      | 100-240V          | 15V            | 0-6.67A        | 89%        | 2-4KV            | 129*97*30mm  |
|       | DL-100W-V24-EXC | 0-100W      | 100-240V          | 24V            | 0-4.17A        | 90%        | 2-4KV            | 129*97*30mm  |
|       | DL-100W-V36-EXC | 0-100W      | 100-240V          | 36V            | 0-2.78A        | 90%        | 2-4KV            | 129*97*30mm  |
|       | DL-100W-V48-EXC | 0-100W      | 100-240V          | 48V            | 0-2.08A        | 90%        | 2-4KV            | 129*97*30mm  |
| 150W  | DL-150W-V12-EXC | 0-150W      | 100-240V          | 12V            | 0-12.5A        | 90%        | 2-4KV            | 159*97*30mm  |
|       | DL-150W-V15-EXC | 0-150W      | 100-240V          | 15V            | 0-10A          | 90%        | 2-4KV            | 159*97*30mm  |
|       | DL-150W-V24-EXC | 0-150W      | 100-240V          | 24V            | 0-6.25A        | 91%        | 2-4KV            | 159*97*30mm  |
|       | DL-150W-V36-EXC | 0-150W      | 100-240V          | 36V            | 0-4.17A        | 91%        | 2-4KV            | 159*97*30mm  |
|       | DL-150W-V48-EXC | 0-150W      | 100-240V          | 48V            | 0-3.13A        | 91%        | 2-4KV            | 159*97*30mm  |
| 200W  | DL-200W-V12-EXC | 0-200W      | 100-132V~200-240V | 12V            | 0-16.67A       | 89%        | 2-4KV            | 159*97*30mm  |
|       | DL-200W-V15-EXC | 0-200W      | 100-132V~200-240V | 15V            | 0-13.34A       | 89%        | 2-4KV            | 159*97*30mm  |
|       | DL-200W-V24-EXC | 0-200W      | 100-132V~200-240V | 24V            | 0-8.33A        | 90%        | 2-4KV            | 159*97*30mm  |
|       | DL-200W-V36-EXC | 0-200W      | 100-132V~200-240V | 36V            | 0-5.56A        | 90%        | 2-4KV            | 159*97*30mm  |
|       | DL-200W-V48-EXC | 0-200W      | 100-132V~200-240V | 48V            | 0-4.17A        | 90%        | 2-4KV            | 159*97*30mm  |
| 350W  | DL-350W-V12-EXC | 0-350W      | 100-132V~200-240V | 12V            | 0-29.17A       | 90%        | 2-4KV            | 215*115*30mm |
|       | DL-350W-V15-EXC | 0-350W      | 100-132V~200-240V | 15V            | 0-23.34A       | 90%        | 2-4KV            | 215*115*30mm |
|       | DL-350W-V24-EXC | 0-350W      | 100-132V~200-240V | 24V            | 0-14.58A       | 91%        | 2-4KV            | 215*115*30mm |
|       | DL-350W-V36-EXC | 0-350W      | 100-132V~200-240V | 36V            | 0-9.72A        | 91%        | 2-4KV            | 215*115*30mm |
|       | DL-350W-V48-EXC | 0-350W      | 100-132V~200-240V | 48V            | 0-7.29A        | 91%        | 2-4KV            | 215*115*30mm |
| 450W  | DL-450W-V12-EXC | 0-450W      | 100-132V~200-240V | 12V            | 0-37.5A        | 91%        | 2-4KV            | 215*115*30mm |
|       | DL-450W-V15-EXC | 0-450W      | 100-132V~200-240V | 15V            | 0-30A          | 91%        | 2-4KV            | 215*115*30mm |
|       | DL-450W-V24-EXC | 0-450W      | 100-132V~200-240V | 24V            | 0-18.75A       | 91.5%      | 2-4KV            | 215*115*30mm |
|       | DL-450W-V36-EXC | 0-450W      | 100-132V~200-240V | 36V            | 0-12.50A       | 91.5%      | 2-4KV            | 215*115*30mm |
|       | DL-450W-V48-EXC | 0-450W      | 100-132V~200-240V | 48V            | 0-9.38A        | 91.5%      | 2-4KV            | 215*115*30mm |
| 600W  | DL-600W-V12-EXC | 0-600W      | 100-132V~200-240V | 12V            | 0-50A          | 91.5%      | 2-4KV            | 225*124*41mm |
|       | DL-600W-V15-EXC | 0-600W      | 100-132V~200-240V | 15V            | 0-40A          | 91.5%      | 2-4KV            | 225*124*41mm |
|       | DL-600W-V24-EXC | 0-600W      | 100-132V~200-240V | 24V            | 0-25A          | 92%        | 2-4KV            | 225*124*41mm |
|       | DL-600W-V36-EXC | 0-600W      | 100-132V~200-240V | 36V            | 0-16.67A       | 92%        | 2-4KV            | 225*124*41mm |
|       | DL-600W-V48-EXC | 0-600W      | 100-132V~200-240V | 48V            | 0-12.5A        | 92%        | 2-4KV            | 225*124*41mm |



PRODUCT FEATURES

- Rated input voltage:100-240Vac.
- Capable of 305Vac input for 5 seconds.
- PF ≥ 0.97.
- DC-OK signal and remote control switch function.
- OTP/OVP/OLP/SCP protection.
- 3 years/5 years (optional) warranty.
- Function Selection : B: Peak Power protection (Support up to 200% peak output power for 5 second).
- Operating temperature up to 70°C
- Over-Voltage level: III
- Low standby power consumption.



| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|--------------|
| 75W   | DL-75W-V12-EXG  | 0-75W       | 100-240V      | 12V            | 0-6.25A        | 90%        | 0.95                   | 2-4KV            | 99*97*30mm   |
|       | DL-75W-V15-EXG  | 0-75W       | 100-240V      | 15V            | 0-5A           | 91%        | 0.95                   | 2-4KV            | 99*97*30mm   |
|       | DL-75W-V24-EXG  | 0-75W       | 100-240V      | 24V            | 0-3.13A        | 92%        | 0.95                   | 2-4KV            | 99*97*30mm   |
|       | DL-75W-V36-EXG  | 0-75W       | 100-240V      | 36V            | 0-2.08A        | 92%        | 0.95                   | 2-4KV            | 99*97*30mm   |
|       | DL-75W-V48-EXG  | 0-75W       | 100-240V      | 48V            | 0-1.56A        | 92%        | 0.95                   | 2-4KV            | 99*97*30mm   |
| 100W  | DL-100W-V12-EXG | 0-100W      | 100-240V      | 12V            | 0-8.33A        | 90%        | 0.96                   | 2-4KV            | 99*97*30mm   |
|       | DL-100W-V15-EXG | 0-100W      | 100-240V      | 15V            | 0-6.67A        | 91%        | 0.96                   | 2-4KV            | 99*97*30mm   |
|       | DL-100W-V24-EXG | 0-100W      | 100-240V      | 24V            | 0-4.17A        | 92%        | 0.96                   | 2-4KV            | 99*97*30mm   |
|       | DL-100W-V36-EXG | 0-100W      | 100-240V      | 36V            | 0-2.78A        | 92%        | 0.96                   | 2-4KV            | 99*97*30mm   |
|       | DL-100W-V48-EXG | 0-100W      | 100-240V      | 48V            | 0-2.08A        | 92%        | 0.96                   | 2-4KV            | 99*97*30mm   |
| 150W  | DL-150W-V12-EXG | 0-150W      | 100-240V      | 12V            | 0-12.5A        | 90%        | 0.96                   | 2-4KV            | 129*97*30mm  |
|       | DL-150W-V15-EXG | 0-150W      | 100-240V      | 15V            | 0-10A          | 91%        | 0.96                   | 2-4KV            | 129*97*30mm  |
|       | DL-150W-V24-EXG | 0-150W      | 100-240V      | 24V            | 0-6.25A        | 92%        | 0.96                   | 2-4KV            | 129*97*30mm  |
|       | DL-150W-V36-EXG | 0-150W      | 100-240V      | 36V            | 0-4.17A        | 92%        | 0.96                   | 2-4KV            | 129*97*30mm  |
|       | DL-150W-V48-EXG | 0-150W      | 100-240V      | 48V            | 0-3.13A        | 92%        | 0.96                   | 2-4KV            | 129*97*30mm  |
| 200W  | DL-200W-V12-EXG | 0-200W      | 100-240V      | 12V            | 0-16.67A       | 90%        | 0.97                   | 2-4KV            | 129*97*30mm  |
|       | DL-200W-V15-EXG | 0-200W      | 100-240V      | 15V            | 0-13.34A       | 91%        | 0.97                   | 2-4KV            | 129*97*30mm  |
|       | DL-200W-V24-EXG | 0-200W      | 100-240V      | 24V            | 0-8.33A        | 92%        | 0.97                   | 2-4KV            | 129*97*30mm  |
|       | DL-200W-V36-EXG | 0-200W      | 100-240V      | 36V            | 0-5.56A        | 92%        | 0.97                   | 2-4KV            | 129*97*30mm  |
|       | DL-200W-V48-EXG | 0-200W      | 100-240V      | 48V            | 0-4.17A        | 92%        | 0.97                   | 2-4KV            | 129*97*30mm  |
| 350W  | DL-350W-V12-EXG | 0-350W      | 100-240V      | 12V            | 0-29.17A       | 90%        | 0.97                   | 2-4KV            | 215*115*30mm |
|       | DL-350W-V15-EXG | 0-350W      | 100-240V      | 15V            | 0-23.34A       | 91%        | 0.97                   | 2-4KV            | 215*115*30mm |
|       | DL-350W-V24-EXG | 0-350W      | 100-240V      | 24V            | 0-14.58A       | 92%        | 0.97                   | 2-4KV            | 215*115*30mm |
|       | DL-350W-V36-EXG | 0-350W      | 100-240V      | 36V            | 0-9.72A        | 92%        | 0.97                   | 2-4KV            | 215*115*30mm |
|       | DL-350W-V48-EXG | 0-350W      | 100-240V      | 48V            | 0-7.29A        | 92%        | 0.97                   | 2-4KV            | 215*115*30mm |

# EXL N-PFC Slim Type Power Supply



## PRODUCT FEATURES

- Rated input voltage:100-240Vac (200-300W requires dialing to switch AC input range).
- Capable of 305Vac input for 5 seconds.
- Compliant with EMC EN55035/55032 conducted/radiated emissions requirements.
- Highest operating temperature up to 70°C.
- Over-Voltage level: III.
- Low standby power consumption.
- Fanless self cooling design.
- OTP/OVP/OLP/SCP protection.
- 3 years warranty.



| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------|--------------|
| 50W   | DL-50W-V12-EXL  | 0-50W       | 100-240V      | 12V            | 0-4.17A        | 88%        | 2-4KV            | 122*53*26mm  |
|       | DL-50W-V15-EXL  | 0-50W       | 100-240V      | 15V            | 0-3.34A        | 88%        | 2-4KV            | 122*53*26mm  |
|       | DL-50W-V24-EXL  | 0-50W       | 100-240V      | 24V            | 0-2.08A        | 89%        | 2-4KV            | 122*53*26mm  |
|       | DL-50W-V36-EXL  | 0-50W       | 100-240V      | 36V            | 0-1.39A        | 89%        | 2-4KV            | 122*53*26mm  |
|       | DL-50W-V48-EXL  | 0-50W       | 100-240V      | 48V            | 0-1.04A        | 89%        | 2-4KV            | 122*53*26mm  |
| 75W   | DL-75W-V12-EXL  | 0-75W       | 100-240V      | 12V            | 0-6.25A        | 88%        | 2-4KV            | 142*53*26mm  |
|       | DL-75W-V15-EXL  | 0-75W       | 100-240V      | 15V            | 0-5A           | 88%        | 2-4KV            | 142*53*26mm  |
|       | DL-75W-V24-EXL  | 0-75W       | 100-240V      | 24V            | 0-3.13A        | 89%        | 2-4KV            | 142*53*26mm  |
|       | DL-75W-V36-EXL  | 0-75W       | 100-240V      | 36V            | 0-2.08A        | 89%        | 2-4KV            | 142*53*26mm  |
|       | DL-75W-V48-EXL  | 0-75W       | 100-240V      | 48V            | 0-1.56A        | 89%        | 2-4KV            | 142*53*26mm  |
| 100W  | DL-100W-V12-EXL | 0-100W      | 100-240V      | 12V            | 0-8.33A        | 89%        | 2-4KV            | 142*53*26mm  |
|       | DL-100W-V15-EXL | 0-100W      | 100-240V      | 15V            | 0-6.67A        | 89%        | 2-4KV            | 142*53*26mm  |
|       | DL-100W-V24-EXL | 0-100W      | 100-240V      | 24V            | 0-4.17A        | 90%        | 2-4KV            | 142*53*26mm  |
|       | DL-100W-V36-EXL | 0-100W      | 100-240V      | 36V            | 0-2.78A        | 90%        | 2-4KV            | 142*53*26mm  |
|       | DL-100W-V48-EXL | 0-100W      | 100-240V      | 48V            | 0-2.08A        | 90%        | 2-4KV            | 142*53*26mm  |

| Power | Model No.       | Rated Power | Input Voltage     | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size |
|-------|-----------------|-------------|-------------------|----------------|----------------|------------|------------------|--------------|
| 150W  | DL-150W-V12-EXL | 0-150W      | 100-240V          | 12V            | 0-12.5A        | 90%        | 2-4KV            | 186*53*26mm  |
|       | DL-150W-V15-EXL | 0-150W      | 100-240V          | 15V            | 0-10A          | 90%        | 2-4KV            | 186*53*26mm  |
|       | DL-150W-V24-EXL | 0-150W      | 100-240V          | 24V            | 0-6.25A        | 91%        | 2-4KV            | 186*53*26mm  |
|       | DL-150W-V36-EXL | 0-150W      | 100-240V          | 36V            | 0-4.17A        | 91%        | 2-4KV            | 186*53*26mm  |
|       | DL-150W-V48-EXL | 0-150W      | 100-240V          | 48V            | 0-3.13A        | 91%        | 2-4KV            | 186*53*26mm  |
| 200W  | DL-200W-V12-EXL | 0-200W      | 100-132V~200-240V | 12V            | 0-16.67A       | 89%        | 2-4KV            | 186*53*26mm  |
|       | DL-200W-V15-EXL | 0-200W      | 100-132V~200-240V | 15V            | 0-13.34A       | 89%        | 2-4KV            | 186*53*26mm  |
|       | DL-200W-V24-EXL | 0-200W      | 100-132V~200-240V | 24V            | 0-8.33A        | 90%        | 2-4KV            | 186*53*26mm  |
|       | DL-200W-V36-EXL | 0-200W      | 100-132V~200-240V | 36V            | 0-5.56A        | 90%        | 2-4KV            | 186*53*26mm  |
|       | DL-200W-V48-EXL | 0-200W      | 100-132V~200-240V | 48V            | 0-4.17A        | 90%        | 2-4KV            | 186*53*26mm  |
| 300W  | DL-300W-V12-EXL | 0-300W      | 100-132V~200-240V | 12V            | 0-25A          | 90%        | 2-4KV            | 196*60*30mm  |
|       | DL-300W-V15-EXL | 0-300W      | 100-132V~200-240V | 15V            | 0-12.5A        | 90%        | 2-4KV            | 196*60*30mm  |
|       | DL-300W-V24-EXL | 0-300W      | 100-132V~200-240V | 24V            | 0-12.5A        | 91%        | 2-4KV            | 196*60*30mm  |
|       | DL-300W-V36-EXL | 0-300W      | 100-132V~200-240V | 36V            | 0-8.34A        | 91%        | 2-4KV            | 196*60*30mm  |
|       | DL-300W-V48-EXL | 0-300W      | 100-132V~200-240V | 48V            | 0-6.25A        | 91%        | 2-4KV            | 196*60*30mm  |



# EXS PFC Slim Type Power Supply



## PRODUCT FEATURES

- Rated input voltage:100-277Vac.
- Capable of 305Vac input for 5 seconds.
- PF ≥ 0.97.
- Operating temperature up to 70°C.
- Peak power can reach 150%.
- Low standby power consumption.
- Fanless self cooling design.
- Function selection:  
DC-OK remote control switch.  
R: parallel redundancy function.
- OTP/OVP/OLP/SCP protection.
- 5 years warranty.



| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|--------------|
| 200W  | DL-200W-V12-EXS | 0-200W      | 100-277V      | 12V            | 0-16.67A       | 91%        | 0.97                   | 2-4KV            | 194*53*26mm  |
|       | DL-200W-V15-EXS | 0-200W      | 100-277V      | 15V            | 0-13.33A       | 92%        | 0.97                   | 2-4KV            | 194*53*26mm  |
|       | DL-200W-V24-EXS | 0-200W      | 100-277V      | 24V            | 0-8.33A        | 92%        | 0.97                   | 2-4KV            | 194*53*26mm  |
|       | DL-200W-V36-EXS | 0-200W      | 100-277V      | 36V            | 0-5.56A        | 92%        | 0.97                   | 2-4KV            | 194*53*26mm  |
|       | DL-200W-V48-EXS | 0-200W      | 100-277V      | 48V            | 0-4.17A        | 92%        | 0.97                   | 2-4KV            | 194*53*26mm  |
| 350W  | DL-350W-V12-EXS | 0-350W      | 100-277V      | 12V            | 0-29.17A       | 91.5%      | 0.97                   | 2-4KV            | 220*60*30mm  |
|       | DL-350W-V15-EXS | 0-350W      | 100-277V      | 15V            | 0-23.33A       | 93%        | 0.97                   | 2-4KV            | 220*60*30mm  |
|       | DL-350W-V24-EXS | 0-350W      | 100-277V      | 24V            | 0-14.58A       | 93%        | 0.97                   | 2-4KV            | 220*60*30mm  |
|       | DL-350W-V36-EXS | 0-350W      | 100-277V      | 36V            | 0-9.72A        | 93%        | 0.97                   | 2-4KV            | 220*60*30mm  |
|       | DL-350W-V48-EXS | 0-350W      | 100-277V      | 48V            | 0-7.29A        | 93%        | 0.97                   | 2-4KV            | 220*60*30mm  |

| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|--------------|
| 500W  | DL-500W-V12-EXS | 0-500W      | 100-277V      | 12V            | 0-41.67A       | 92%        | 0.97                   | 2-4KV            | 232*81*30mm  |
|       | DL-500W-V15-EXS | 0-500W      | 100-277V      | 15V            | 0-33.33A       | 94.5%      | 0.97                   | 2-4KV            | 232*81*30mm  |
|       | DL-500W-V24-EXS | 0-500W      | 100-277V      | 24V            | 0-20.83A       | 94.5%      | 0.97                   | 2-4KV            | 232*81*30mm  |
|       | DL-500W-V36-EXS | 0-500W      | 100-277V      | 36V            | 0-13.89A       | 94.5%      | 0.97                   | 2-4KV            | 232*81*30mm  |
|       | DL-500W-V48-EXS | 0-500W      | 100-277V      | 48V            | 0-10.42A       | 94.5%      | 0.97                   | 2-4KV            | 232*81*30mm  |
| 750W  | DL-750W-V12-EXS | 0-750W      | 100-277V      | 12V            | 0-62.5A        | 92.5%      | 0.97                   | 2-4KV            | 237*100*40mm |
|       | DL-750W-V15-EXS | 0-750W      | 100-277V      | 15V            | 0-50.0A        | 95%        | 0.97                   | 2-4KV            | 237*100*40mm |
|       | DL-750W-V24-EXS | 0-750W      | 100-277V      | 24V            | 0-31.25A       | 95%        | 0.97                   | 2-4KV            | 237*100*40mm |
|       | DL-750W-V36-EXS | 0-750W      | 100-277V      | 36V            | 0-20.83A       | 95%        | 0.97                   | 2-4KV            | 237*100*40mm |
|       | DL-750W-V48-EXS | 0-750W      | 100-277V      | 48V            | 0-15.63A       | 95%        | 0.97                   | 2-4KV            | 237*100*40mm |



# EDC N-PFC Din-rail Power Supply



## PRODUCT FEATURES

- Rated input voltage:100-240Vac.
- Capable of 305Vac input for 5 seconds.
- Compliant with EMC EN55035/55032 conducted/ radiated emissions requirements.
- Operating temperature up to 70°C.
- Over-Voltage Category: III.
- Low standby power consumption.
- Ultra narrow and wide design (suitable for installing DIN rail TS-35/7.5 or 15)
- OTP/OVP/OLP/SCP protection.
- 3years warranty.
- Function Selection: B: Peak Power protection (Support up to 200% peak output power for 5 second).



## EDC Class II Series

| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size   |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------|----------------|
| 15W   | DL-15W-V5-EDC   | 0-15W       | 100-240V      | 5V             | 0-3A           | 82%        | 2-4KV            | 17.5*90*54.5mm |
|       | DL-15W-V12-EDC  | 0-15W       | 100-240V      | 12V            | 0-1.25A        | 88%        | 2-4KV            | 17.5*90*54.5mm |
|       | DL-15W-V15-EDC  | 0-15W       | 100-240V      | 15V            | 0-1A           | 88%        | 2-4KV            | 17.5*90*54.5mm |
|       | DL-15W-V24-EDC  | 0-15W       | 100-240V      | 24V            | 0-0.625A       | 89%        | 2-4KV            | 17.5*90*54.5mm |
|       | DL-15W-V36-EDC  | 0-15W       | 100-240V      | 36V            | 0-0.416A       | 89%        | 2-4KV            | 17.5*90*54.5mm |
|       | DL-15W-V48-EDC  | 0-15W       | 100-240V      | 48V            | 0-0.312A       | 90%        | 2-4KV            | 17.5*90*54.5mm |
| 30W   | DL-30W-V12-EDC  | 0-30W       | 100-240V      | 12V            | 0-2.5A         | 82%        | 2-4KV            | 35*90*54.5mm   |
|       | DL-30W-V15-EDC  | 0-30W       | 100-240V      | 15V            | 0-2A           | 88%        | 2-4KV            | 35*90*54.5mm   |
|       | DL-30W-V24-EDC  | 0-30W       | 100-240V      | 24V            | 0-1.25A        | 88%        | 2-4KV            | 35*90*54.5mm   |
|       | DL-30W-V36-EDC  | 0-30W       | 100-240V      | 36V            | 0-0.833A       | 88%        | 2-4KV            | 35*90*54.5mm   |
|       | DL-30W-V48-EDC  | 0-30W       | 100-240V      | 48V            | 0-0.625A       | 90%        | 2-4KV            | 35*90*54.5mm   |
| 60W   | DL-60W-V12-EDC  | 0-60W       | 100-240V      | 12V            | 0-5A           | 84%        | 2-4KV            | 52.5*90*54.5mm |
|       | DL-60W-V15-EDC  | 0-60W       | 100-240V      | 15V            | 0-4A           | 88%        | 2-4KV            | 52.5*90*54.5mm |
|       | DL-60W-V24-EDC  | 0-60W       | 100-240V      | 24V            | 0-2.5A         | 88%        | 2-4KV            | 52.5*90*54.5mm |
|       | DL-60W-V36-EDC  | 0-60W       | 100-240V      | 36V            | 0-1.66A        | 89%        | 2-4KV            | 52.5*90*54.5mm |
|       | DL-60W-V48-EDC  | 0-60W       | 100-240V      | 48V            | 0-1.25A        | 90%        | 2-4KV            | 52.5*90*54.5mm |
| 100W  | DL-100W-V12-EDC | 0-100W      | 100-240V      | 12V            | 0-8.33A        | 89%        | 2-4KV            | 70*90*54.5mm   |
|       | DL-100W-V15-EDC | 0-100W      | 100-240V      | 15V            | 0-6.66A        | 89%        | 2-4KV            | 70*90*54.5mm   |
|       | DL-100W-V24-EDC | 0-100W      | 100-240V      | 24V            | 0-4.16A        | 89%        | 2-4KV            | 70*90*54.5mm   |
|       | DL-100W-V36-EDC | 0-100W      | 100-240V      | 36V            | 0-2.77A        | 91%        | 2-4KV            | 70*90*54.5mm   |
|       | DL-100W-V48-EDC | 0-100W      | 100-240V      | 48V            | 0-2.08A        | 91%        | 2-4KV            | 70*90*54.5mm   |

## EDC Class II Series

| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size  |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------|---------------|
| 150W  | DL-150W-V12-EDC | 0-150W      | 100-240V      | 12V            | 0-12.5A        | 89%        | 2-4KV            | 105*90*54.4mm |
|       | DL-150W-V15-EDC | 0-150W      | 100-240V      | 15V            | 0-10A          | 89%        | 2-4KV            | 105*90*54.4mm |
|       | DL-150W-V24-EDC | 0-150W      | 100-240V      | 24V            | 0-6.25A        | 89%        | 2-4KV            | 105*90*54.4mm |
|       | DL-150W-V36-EDC | 0-150W      | 100-240V      | 36V            | 0-4.16A        | 91%        | 2-4KV            | 105*90*54.4mm |
|       | DL-150W-V48-EDC | 0-150W      | 100-240V      | 48V            | 0-3.125A       | 91%        | 2-4KV            | 105*90*54.4mm |

## EDC-M Class I Series

| Power | Model No.        | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size |
|-------|------------------|-------------|---------------|----------------|----------------|------------|------------------|--------------|
| 75W   | DL-75W-V12M-EDC  | 0-75W       | 100-240V      | 12V            | 0-6.25A        | 88%        | 2-4KV            | 30*125*96mm  |
|       | DL-75W-V15M-EDC  | 0-75W       | 100-240V      | 15V            | 0-5A           | 88%        | 2-4KV            | 30*125*96mm  |
|       | DL-75W-V24M-EDC  | 0-75W       | 100-240V      | 24V            | 0-3.125A       | 89%        | 2-4KV            | 30*125*96mm  |
|       | DL-75W-V36M-EDC  | 0-75W       | 100-240V      | 36V            | 0-2.083A       | 90%        | 2-4KV            | 30*125*96mm  |
|       | DL-75W-V48M-EDC  | 0-75W       | 100-240V      | 48V            | 0-1.56A        | 90%        | 2-4KV            | 30*125*96mm  |
| 120W  | DL-120W-V12M-EDC | 0-120W      | 100-240V      | 12V            | 0-10A          | 89%        | 2-4KV            | 30*125*96mm  |
|       | DL-120W-V15M-EDC | 0-120W      | 100-240V      | 15V            | 0-8A           | 89%        | 2-4KV            | 30*125*96mm  |
|       | DL-120W-V24M-EDC | 0-120W      | 100-240V      | 24V            | 0-5A           | 91%        | 2-4KV            | 30*125*96mm  |
|       | DL-120W-V36M-EDC | 0-120W      | 100-240V      | 36V            | 0-3.33A        | 91%        | 2-4KV            | 30*125*96mm  |
|       | DL-120W-V48M-EDC | 0-120W      | 100-240V      | 48V            | 0-2.5A         | 91%        | 2-4KV            | 30*125*96mm  |
| 150W  | DL-150W-V12M-EDC | 0-150W      | 100-240V      | 12V            | 0-12.5A        | 92%        | 2-4KV            | 30*125*96mm  |
|       | DL-150W-V15M-EDC | 0-150W      | 100-240V      | 15V            | 0-10A          | 92%        | 2-4KV            | 30*125*96mm  |
|       | DL-150W-V24M-EDC | 0-150W      | 100-240V      | 24V            | 0-6.25A        | 92.5%      | 2-4KV            | 30*125*96mm  |
|       | DL-150W-V36M-EDC | 0-150W      | 100-240V      | 36V            | 0-4.16A        | 92.5%      | 2-4KV            | 30*125*96mm  |
|       | DL-150W-V48M-EDC | 0-150W      | 100-240V      | 48V            | 0-3.125A       | 92.5%      | 2-4KV            | 30*125*96mm  |



# EDG PFC Din-rail Power Supply



## PRODUCT FEATURES

- Rated input voltage:100-240Vac.
- PF≥0.97.
- Built-in DC-OK contact.
- Operating temperature up to 70°C.
- Over-Voltage Category: III.
- Low standby power consumption.
- Ultra narrow and wide design (suitable for installing DIN rail TS-35/7.5 or 15).
- Function Selection: B: Peak Power protection (Support up to 200% peak output power for 5 second).
- OTP/OVP/OLP/SCP protection.
- 3years warranty.



| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size  |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|---------------|
| 75W   | DL-75W-V12-EDG  | 0-75W       | 100-240V      | 12V            | 0-6.25A        | 90%        | 0.92                   | 2-4KV            | 30* 125*116mm |
|       | DL-75W-V15-EDG  | 0-75W       | 100-240V      | 15V            | 0-5A           | 90%        | 0.92                   | 2-4KV            | 30* 125*116mm |
|       | DL-75W-V24-EDG  | 0-75W       | 100-240V      | 24V            | 0-3.125A       | 90%        | 0.92                   | 2-4KV            | 30* 125*116mm |
|       | DL-75W-V36-EDG  | 0-75W       | 100-240V      | 36V            | 0-2.083A       | 90%        | 0.92                   | 2-4KV            | 30* 125*116mm |
|       | DL-75W-V48-EDG  | 0-75W       | 100-240V      | 48V            | 0-1.56A        | 90%        | 0.92                   | 2-4KV            | 30* 125*116mm |
| 120W  | DL-120W-V12-EDG | 0-120W      | 100-240V      | 12V            | 0-10A          | 90%        | 0.92                   | 2-4KV            | 30* 125*116mm |
|       | DL-120W-V15-EDG | 0-120W      | 100-240V      | 15V            | 0-8A           | 90%        | 0.92                   | 2-4KV            | 30* 125*116mm |
|       | DL-120W-V24-EDG | 0-120W      | 100-240V      | 24V            | 0-5A           | 90%        | 0.92                   | 2-4KV            | 30* 125*116mm |
|       | DL-120W-V36-EDG | 0-120W      | 100-240V      | 36V            | 0-3.33A        | 90%        | 0.93                   | 2-4KV            | 30* 125*116mm |
|       | DL-120W-V48-EDG | 0-120W      | 100-240V      | 48V            | 0-2.5A         | 90%        | 0.93                   | 2-4KV            | 30* 125*116mm |

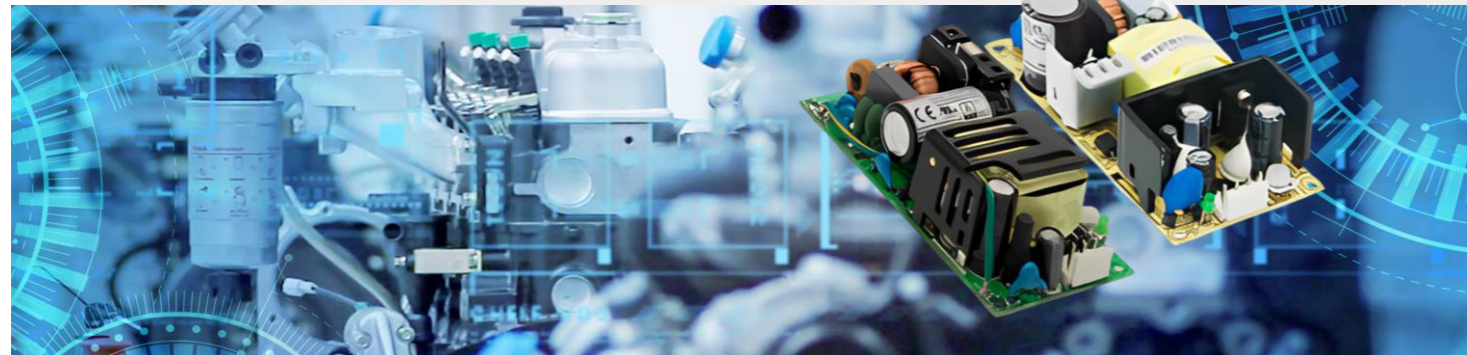
The detailed parameter please refer to our specification

| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size  |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|---------------|
| 240W  | DL-240W-V12-EDG | 0-240W      | 100-240V      | 12V            | 0-20A          | 91%        | 0.93                   | 2-4KV            | 40* 125*116mm |
|       | DL-240W-V15-EDG | 0-240W      | 100-240V      | 15V            | 0-16A          | 91%        | 0.94                   | 2-4KV            | 40* 125*116mm |
|       | DL-240W-V24-EDG | 0-240W      | 100-240V      | 24V            | 0-10A          | 91%        | 0.94                   | 2-4KV            | 40* 125*116mm |
|       | DL-240W-V36-EDG | 0-240W      | 100-240V      | 36V            | 0-6.67A        | 91%        | 0.94                   | 2-4KV            | 40* 125*116mm |
|       | DL-240W-V48-EDG | 0-240W      | 100-240V      | 48V            | 0-5A           | 91%        | 0.94                   | 2-4KV            | 40* 125*116mm |
| 480W  | DL-480W-V12-EDG | 0-480W      | 100-240V      | 12V            | 0-40A          | 91.5%      | 0.95                   | 2-4KV            | 48* 125*125mm |
|       | DL-480W-V15-EDG | 0-480W      | 100-240V      | 15V            | 0-32A          | 91.5%      | 0.95                   | 2-4KV            | 48* 125*125mm |
|       | DL-480W-V24-EDG | 0-480W      | 100-240V      | 24V            | 0-20A          | 91.5%      | 0.96                   | 2-4KV            | 48* 125*125mm |
|       | DL-480W-V36-EDG | 0-480W      | 100-240V      | 36V            | 0-13.33A       | 91.5%      | 0.96                   | 2-4KV            | 48* 125*125mm |
|       | DL-480W-V48-EDG | 0-480W      | 100-240V      | 48V            | 0-10A          | 91.5%      | 0.96                   | 2-4KV            | 48* 125*125mm |
| 960W  | DL-960W-V12-EDG | 0-960W      | 100-240V      | 12V            | 0-80A          | 92%        | 0.97                   | 2-4KV            | 96* 125*132mm |
|       | DL-960W-V15-EDG | 0-960W      | 100-240V      | 15V            | 0-64A          | 92%        | 0.97                   | 2-4KV            | 96* 125*132mm |
|       | DL-960W-V24-EDG | 0-960W      | 100-240V      | 24V            | 0-40A          | 92%        | 0.97                   | 2-4KV            | 96* 125*132mm |
|       | DL-960W-V36-EDG | 0-960W      | 100-240V      | 36V            | 0-26.67A       | 92%        | 0.97                   | 2-4KV            | 96* 125*132mm |
|       | DL-960W-V48-EDG | 0-960W      | 100-240V      | 48V            | 0-20A          | 92%        | 0.97                   | 2-4KV            | 96* 125*132mm |



The detailed parameter please refer to our specification

# EPC N-PFC Open Board Switching Power Supply



## PRODUCT FEATURES

- Rated input voltage:100-240Vac.
- Capable of 305Vac input for 5 seconds.
- Compliant with EMC EN55035/55032 conducted/ radiated emissions requirements.
- Meets 2xMOPP medical safety standards.
- Fanless self cooling design.
- Low standby power consumption.
- Designed for use at altitudes up to 5000m.
- OTP/OVP/OLP/SCP protection.
- 3 years warranty.



| Power          | Model No.      | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size   |
|----------------|----------------|-------------|---------------|----------------|----------------|------------|------------------|----------------|
| 15W            | DL-15W-V5-EPC  | 0-15W       | 100-240V      | 5V             | 0-3A           | 82%        | 2-4KV            | 63.5*45.7*24mm |
|                | DL-15W-V12-EPC | 0-15W       | 100-240V      | 12V            | 0-1.25A        | 83%        | 2-4KV            | 63.5*45.7*24mm |
|                | DL-15W-V15-EPC | 0-15W       | 100-240V      | 15V            | 0-1A           | 83%        | 2-4KV            | 63.5*45.7*24mm |
|                | DL-15W-V24-EPC | 0-15W       | 100-240V      | 24V            | 0-0.63A        | 83%        | 2-4KV            | 63.5*45.7*24mm |
|                | DL-15W-V36-EPC | 0-15W       | 100-240V      | 36V            | 0-0.42A        | 84%        | 2-4KV            | 63.5*45.7*24mm |
| DL-15W-V48-EPC | 0-15W          | 100-240V    | 48V           | 0-0.31A        | 84%            | 2-4KV      | 63.5*45.7*24mm   |                |
| 25W            | DL-25W-V5-EPC  | 0-25W       | 100-240V      | 5V             | 0-5A           | 84%        | 2-4KV            | 63.5*45.7*24mm |
|                | DL-25W-V12-EPC | 0-25W       | 100-240V      | 12V            | 0-2.08A        | 85%        | 2-4KV            | 63.5*45.7*24mm |
|                | DL-25W-V15-EPC | 0-25W       | 100-240V      | 15V            | 0-1.66A        | 85%        | 2-4KV            | 63.5*45.7*24mm |
|                | DL-25W-V24-EPC | 0-25W       | 100-240V      | 24V            | 0-1.05A        | 85%        | 2-4KV            | 63.5*45.7*24mm |
|                | DL-25W-V36-EPC | 0-25W       | 100-240V      | 36V            | 0-0.7A         | 86%        | 2-4KV            | 63.5*45.7*24mm |
| DL-25W-V48-EPC | 0-25W          | 100-240V    | 48V           | 0-0.52A        | 86%            | 2-4KV      | 63.5*45.7*24mm   |                |
| 35W            | DL-35W-V12-EPC | 0-35W       | 100-240V      | 12V            | 0-2.92A        | 87%        | 2-4KV            | 76.2*50.8*24mm |
|                | DL-35W-V15-EPC | 0-35W       | 100-240V      | 15V            | 0-2.34A        | 87%        | 2-4KV            | 76.2*50.8*24mm |
|                | DL-35W-V24-EPC | 0-35W       | 100-240V      | 24V            | 0-1.46A        | 88%        | 2-4KV            | 76.2*50.8*24mm |
|                | DL-35W-V36-EPC | 0-35W       | 100-240V      | 36V            | 0-0.97A        | 88%        | 2-4KV            | 76.2*50.8*24mm |
|                | DL-35W-V48-EPC | 0-35W       | 100-240V      | 48V            | 0-0.73A        | 88%        | 2-4KV            | 76.2*50.8*24mm |

| Power           | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Surge Protection | Product Size   |
|-----------------|-----------------|-------------|---------------|----------------|----------------|------------|------------------|----------------|
| 50W             | DL-50W-V12-EPC  | 0-50W       | 100-240V      | 12V            | 0-4.17A        | 88%        | 2-4KV            | 76.2*50.8*24mm |
|                 | DL-50W-V15-EPC  | 0-50W       | 100-240V      | 15V            | 0-3.34A        | 88%        | 2-4KV            | 76.2*50.8*24mm |
|                 | DL-50W-V24-EPC  | 0-50W       | 100-240V      | 24V            | 0-2.08A        | 89%        | 2-4KV            | 76.2*50.8*24mm |
|                 | DL-50W-V36-EPC  | 0-50W       | 100-240V      | 36V            | 0-1.39A        | 89%        | 2-4KV            | 76.2*50.8*24mm |
| DL-50W-V48-EPC  | 0-50W           | 100-240V    | 48V           | 0-1.04A        | 89%            | 2-4KV      | 76.2*50.8*24mm   |                |
| 75W             | DL-75W-V12-EPC  | 0-75W       | 100-240V      | 12V            | 0-6.25A        | 89%        | 2-4KV            | 76.2*50.8*28mm |
|                 | DL-75W-V15-EPC  | 0-75W       | 100-240V      | 15V            | 0-5A           | 89%        | 2-4KV            | 76.2*50.8*28mm |
|                 | DL-75W-V24-EPC  | 0-75W       | 100-240V      | 24V            | 0-3.13A        | 90%        | 2-4KV            | 76.2*50.8*28mm |
|                 | DL-75W-V36-EPC  | 0-75W       | 100-240V      | 36V            | 0-2.08A        | 90%        | 2-4KV            | 76.2*50.8*28mm |
| DL-75W-V48-EPC  | 0-75W           | 100-240V    | 48V           | 0-1.56A        | 90%            | 2-4KV      | 76.2*50.8*28mm   |                |
| 120W            | DL-120W-V12-EPC | 0-120W      | 100-240V      | 12V            | 0-10A          | 89%        | 2-4KV            | 76.2*50.8*28mm |
|                 | DL-120W-V15-EPC | 0-120W      | 100-240V      | 15V            | 0-8A           | 89%        | 2-4KV            | 76.2*50.8*28mm |
|                 | DL-120W-V24-EPC | 0-120W      | 100-240V      | 24V            | 0-5A           | 90%        | 2-4KV            | 76.2*50.8*28mm |
|                 | DL-120W-V36-EPC | 0-120W      | 100-240V      | 36V            | 0-3.33A        | 90%        | 2-4KV            | 76.2*50.8*28mm |
| DL-120W-V48-EPC | 0-120W          | 100-240V    | 48V           | 0-2.5A         | 90%            | 2-4KV      | 76.2*50.8*28mm   |                |
| 150W            | DL-150W-V12-EPC | 0-150W      | 100-240V      | 12V            | 0-12.5A        | 90%        | 2-4KV            | 101.6*50*28mm  |
|                 | DL-150W-V15-EPC | 0-150W      | 100-240V      | 15V            | 0-10A          | 90%        | 2-4KV            | 101.6*50*28mm  |
|                 | DL-150W-V24-EPC | 0-150W      | 100-240V      | 24V            | 0-6.25A        | 91%        | 2-4KV            | 101.6*50*28mm  |
|                 | DL-150W-V36-EPC | 0-150W      | 100-240V      | 36V            | 0-4.17A        | 91%        | 2-4KV            | 101.6*50*28mm  |
| DL-150W-V48-EPC | 0-150W          | 100-240V    | 48V           | 0-3.13A        | 91%            | 2-4KV      | 101.6*50*28mm    |                |



# EPG PFC Open Board Switching Power Supply



## PRODUCT FEATURES



- Rated input voltage:100-240Vac.
- Capable of 305Vac input for 5 seconds.
- PF≥0.97.
- Meets 2xMOPP medical safety standards
- Fanless, free-air cooling (products above 200W include a 12V/0.5A auxiliary output)
- Low standby power consumption.
- Designed for use at altitudes up to 5000m
- OTP/OVP/OLP/SCP protection.
- 3years warranty

| Power | Model No.      | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size   |
|-------|----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|----------------|
| 30W   | DL-30W-V12-EPG | 0-30W       | 100-240V      | 12V            | 0-2.5A         | 90%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-30W-V15-EPG | 0-30W       | 100-240V      | 15V            | 0-2A           | 91%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-30W-V24-EPG | 0-30W       | 100-240V      | 24V            | 0-1.25A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-30W-V36-EPG | 0-30W       | 100-240V      | 36V            | 0-0.83A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-30W-V48-EPG | 0-30W       | 100-240V      | 48V            | 0-0.62A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
| 50W   | DL-50W-V12-EPG | 0-50W       | 100-240V      | 12V            | 0-4.17A        | 90%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-50W-V15-EPG | 0-50W       | 100-240V      | 15V            | 0-3.33A        | 91%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-50W-V24-EPG | 0-50W       | 100-240V      | 24V            | 0-2.08A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-50W-V36-EPG | 0-50W       | 100-240V      | 36V            | 0-1.39A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-50W-V48-EPG | 0-50W       | 100-240V      | 48V            | 0-1.04A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
| 75W   | DL-75W-V12-EPG | 0-75W       | 100-240V      | 12V            | 0-6.25A        | 90%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-75W-V15-EPG | 0-75W       | 100-240V      | 15V            | 0-5A           | 91%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-75W-V24-EPG | 0-75W       | 100-240V      | 24V            | 0-3.13A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-75W-V36-EPG | 0-75W       | 100-240V      | 36V            | 0-2.08A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |
|       | DL-75W-V48-EPG | 0-75W       | 100-240V      | 48V            | 0-1.56A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm |

| Power | Model No.       | Rated Power | Input Voltage | Output Voltage | Output Current | Efficiency | Power Factor (@230Vac) | Surge Protection | Product Size    |
|-------|-----------------|-------------|---------------|----------------|----------------|------------|------------------------|------------------|-----------------|
| 120W  | DL-120W-V12-EPG | 0-120W      | 100-240V      | 12V            | 0-10A          | 90%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm  |
|       | DL-120W-V15-EPG | 0-120W      | 100-240V      | 15V            | 0-8A           | 91%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm  |
|       | DL-120W-V24-EPG | 0-120W      | 100-240V      | 24V            | 0-5A           | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm  |
|       | DL-120W-V36-EPG | 0-120W      | 100-240V      | 36V            | 0-3.33A        | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm  |
|       | DL-120W-V48-EPG | 0-120W      | 100-240V      | 48V            | 0-2.5A         | 92%        | 0.95                   | 2-4KV            | 76.2*50.8*24mm  |
| 150W  | DL-150W-V12-EPG | 0-150W      | 100-240V      | 12V            | 0-12.5A        | 90%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
|       | DL-150W-V15-EPG | 0-150W      | 100-240V      | 15V            | 0-10A          | 91%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
|       | DL-150W-V24-EPG | 0-150W      | 100-240V      | 24V            | 0-6.25A        | 92%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
|       | DL-150W-V36-EPG | 0-150W      | 100-240V      | 36V            | 0-4.17A        | 92%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
|       | DL-150W-V48-EPG | 0-150W      | 100-240V      | 48V            | 0-3.13A        | 92%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
| 200W  | DL-200W-V12-EPG | 0-200W      | 100-240V      | 12V            | 0-16.67A       | 90%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
|       | DL-200W-V15-EPG | 0-200W      | 100-240V      | 15V            | 0-13.34A       | 91%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
|       | DL-200W-V24-EPG | 0-200W      | 100-240V      | 24V            | 0-8.33A        | 92%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
|       | DL-200W-V36-EPG | 0-200W      | 100-240V      | 36V            | 0-5.56A        | 92%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |
|       | DL-200W-V48-EPG | 0-200W      | 100-240V      | 48V            | 0-4.17A        | 92%        | 0.95                   | 2-4KV            | 101.6*50.8*24mm |



# SPD new

## SURGE PROTECTOR DEVICE SERIES

### PRODUCT FEATURES

1. Input voltage: 100-277V
2. Max working voltage: 320V
3. Norminal discharge current: (IN)5KA/10KA, 8/20μS
4. Max. discharge current: (IN)10KA/20KA, 8/20μS
5. Surge protection: 10KV/20KV

Protection Level **IP67**



## Programming device

1. Intelligent programming accessories USB
2. USB power supply
3. Used with DONE programmer software



# LSP10

## SURGE PROTECTOR DEVICE SERIES

### PRODUCT FEATURES

1. Input voltage: 100-277V.
2. Norminal discharge current: (IN)5KA, 8/20uS.
3. Max. discharge current:(IN)10KA, 8/20uS
4. Comply with EN61643-11 standard
5. Surge Protection:10KV.

Protection Level **IP67**



## Handheld NFC programmer

1. USB power supply
2. integrated NFC module
3. Used with DONE programmer software

# LSP20

## SURGE PROTECTOR DEVICE SERIES

### PRODUCT FEATURES

1. Input voltage: 100-277V.
2. Norminal discharge current: (IN)10KA, 8/20uS.
3. Max. discharge current:(IN)20KA, 8/20uS
4. Comply with EN61643-11 standard
5. Surge Protection:20KV.

Protection Level **IP67**



## DMX DECODER

1. Converts DMX signals to 0-10V dimmable signals
2. compatible with both DMX RDM and legacy DMX networks
3. supports dimmable shutdown capability for LED drivers
4. Supports 12V DC input for driver auxiliary source



# Q & A

## INPUT VOLTAGE RANGE

When the user sees that the labeled input voltage range on the power supply is 85-265VAC, the actual input voltage is 100-240VAC. When the safety certification is conducted, the so-called strict +10% test (IEC60950 strict +6%-10%) will be carried out, so there will be no problem in the use of the power supply drive within the voltage range defined in the specification. The voltage range indicated on the power supply is to meet safety specifications and to ensure proper use of the power supply.

## POWER FACTOR

Power Factor Correction for improve the led driver ratio of effective Power and apparent Power at the input end, For products which without PFC, the power factor is only 0.4~0.6 at the input end, models which with active PFC, PF can be more than 0.95. The correlation is as follows:

Apparent power = input voltage x input current (VA)

Effective power = input voltage x input current x power factor (PF)

From the viewpoint of environmental, electric power company must produce more than the apparent power, so that their generating sets can supply to market demands stable, and the actual use of power is the effective power. If the power factor is 0.5, it means that the generator set should produce more than 2VA power, can supply 1W power safely, and its energy efficiency is poor. But if the power factor was improved to 0.95, the generating set of the electric power company need produces power more than 1.06VA, the demand for supply 1W power will be enough, and the energy efficiency is better.

## SURGE CURRENT

The switching power supply at the instant of the input power transmission will be a brief (1/2-1 power cycle, ex: 60Hz power supply 1/120-1/60 seconds) of high current (about 20-60A according to the product design, please refer to the product acknowledgment) at the moment of power transmission of the input power supply. After the product is started, the normal current input will be restored, and it will appear at the moment of power transmission at the input power supply every time. This is a normal phenomenon and will not cause the damage of power supply, However, it is not recommended to turn on / off the power supply continuously. In addition, it should be noted that if more than one power supply device is used to start up at the same time, it may cause the protection switch of system distribution to jump off. It is recommended to delay starting up among more than one power supply device, or to use the remote control function of the power product to delay starting up the product sequence.

## OUTPUT VOLTAGE ACCURACY

Output voltage accuracy refers to the difference between the actual output voltage and the rated output voltage. This error is the superposition value of line stability and load stability. Normally this parameter at +/-1% line stability is the percentage of the output voltage that deviates from the rated voltage when the input voltage varies between the maximum and minimum allowable range. Load stability is the percentage of the output voltage that deviates from the rated voltage when the output load current varies between the maximum and minimum allowable range.

Efficiency: The ratio of total output power to active input power, expressed as a percentage. That is, efficiency = output power / input power \* 100%.

Rated power: refers to the maximum output power of the power supply (voltage V times current A).

Electromagnetic compatibility (EMC): the ability of a device or system to operate as required in its electromagnetic environment without producing intolerable EMI to any device in its environment.

EMC includes EMI (electromagnetic interference) and EMS (electromagnetic tolerance). The so-called EMI (electromagnetic interference) refers to the harmful energy transmitted or radiated by the switching power supply. And EMS refers to the ability of the switching power supply to be unaffected by the surrounding electromagnetic environment in the process of performing its due functions.

Ripple: as the dc stable power supply is generally formed by the ac power supply through rectifying and voltage stabilizing links, it is inevitable that there are more or less ac components in the dc stable power. The ac component superimposed on the dc stable power is called ripple.

Output ripple and noise: the amplitude of the output ac voltage from the switching power supply within a specified bandwidth, usually expressed as a millivolt level peak-to-peak or RMS value.

Total Harmonic Distortion is refers to the signal source input, the output signal (harmonic and its frequency doubling component) than the input signal of the additional harmonic component, usually expressed as a percentage. Generally speaking, the total harmonic distortion of this frequency of 1000Hz is the smallest, so many products take the distortion of this frequency as its index, So the test for total harmonic distortion is 1000Hz sound, and the smaller the better.

Overshoot and undershoot: Overshoot is when the first peak or valley value exceeds the set voltage -- the highest voltage for the rising edge and the lowest voltage for the falling edge. Undershoot is the next valley or peak. Excessive overshoot can cause the protective diode to work, leading to premature failure. Excessive undershoot can cause false clock or data errors.

Working environment temperature switch power supply can be reasonable electrical indicators and stability of the working temperature range. Unless specified otherwise, do not assume that the switching power supply can output full power throughout the temperature range, nor that the switching power supply can maintain the same electrical specifications throughout the operating temperature range.

Pulse Width Modulation (PWM): a method of voltage regulation used in switching power supplies by simply changing the period and duty cycle of the pulse train.