

## 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)



# 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



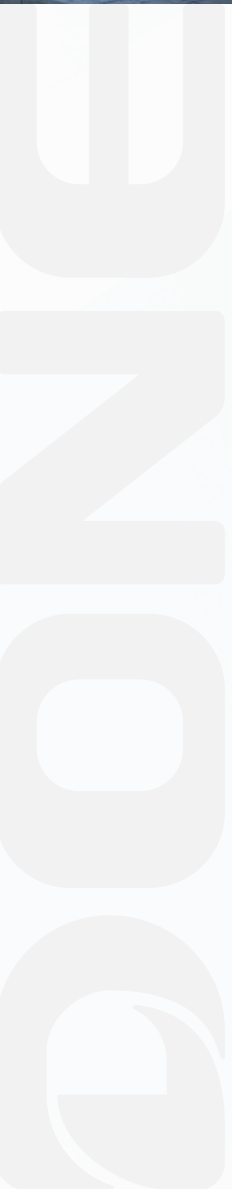
## PHILOSOPHY

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.





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**

# CONTENTS

## INTRODUCTION TO THE APPLICATION FIELDS OF DONE POWER'S PRODUCTS

Constant Current LED Driver (Public Lighting Product Line, Smart Lighting Product Line, High-Power Lighting Product Line)	01-02
Constant Voltage Power Supply (Constant Voltage Lighting Product Line, Industrial Control Lighting Product Line)	03

## CONSTANT CURRENT LED DRIVER SERIES

### ISOLATED LED DRIVER SERIES

<b>MXS Horticulture/Fishery Lighting LED driver/400-1500W</b>	
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
MXS-XE 200-277V Three outputs + Programmable + Auxiliary source	05-06

### MXG Road /Horticulture / UV Curing Lighting LED driver/30-750W

MXG/MXG-K Potentiometer / Programmable Current Regulation / Auxiliary Source + Overvoltage Protection	07-08
MXG-D DALI2.0/D4I + Programmable + Auxiliary source	07-08
MXG-L/T LORA/CAT.1 Intelligent Integrated LED driver	09
MDK IP42, Potentiometer/Programmable/Auxiliary source + Electronic wire	10

### MXL Road Lighting LED driver/40-320W

MXL-Z Programmable /3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dim-to-Off	11-12
MXL-H Programmable /3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dim-to-Off	11-12

### MXK European Road lighting LED driver/22-200W

MXK-FP NFC+Programmable 0-10V/PWM/Timer dimming	13-14
MXK-FX NFC + Programmable + 0-10V/PWM/Timer dimming + Auxiliary source	13-14
MXK-FD NFC+DALI-2+Programmable+Auxiliary Source	13-14
MXK-GX NFC+DALI-2&D4I+Programmable+Auxiliary Source	13-14

### MUG/MTG North American Road lighting LED driver/100-800W

MUG North American 277-480V Programmable 0-10V/PWM/Timer dimming	15
MTG North American CLASS II & 3-in-1 Dimming/Auxiliary Source	15

### MXC Road/Municipal/Explosion proof lighting LED driver/40-320W

Potentiometer/Programmable Current Regulation	16
---	----

### MAS Road/Tunnel/Municipal lighting LED driver/30-240W

MAS-H 200-277 Potentiometer/Programmable Current Regulation	17-18
MAS-C Two way dual-color + 3-in-1 dimming and color mixing	17-18
MAS-R RS485 Intelligent Integrated LED driver	19
MAS-Z PLC Intelligent Integrated LED driver	19

### MAP Road/Tunnel/Municipal Lighting LED driver/50-200W

Potentiometer/3-in-1 Dimming	20
------------------------------	----

### MAL Road/Tunnel Lighting LED driver/20-200W

MAL-Z Potentiometer/3-in-1 Dimming + 0/1-10V Positive and Negative Logic + Dimmer Off	21
MAL-H Potentiometer/3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dimmer Off +Explosion Proof 3C	21-22
MAL-B Programmable/3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dimmer	21-22

### MAC/MCC Built-in explosion-proof/Brightening lighting LED driver/3-50W

MAC Strip molded case + Constant current + Electronic wire	23
MCC MINI shape plastic case + Constant current + Electronic wire	23

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

### SBS Built-in explosion-proof/Tunnel/Brightening lighting LED driver/40-100W

## NON-ISOLATED LED DRIVER SERIES

### PXS Horticulture/Stadium lighting LED Driver/40-1800W

PLS 120-277V Ultra High Power + Conventional Wire/Terminal Wiring+ Programmable +Auxiliary Source	27-28
PXS-Z 100-277V Programmable + Auxiliary Source	27-28
PXS-V 200-480V Conventional wire/terminal wiring + Programmable +Auxiliary source	27-28
PXS-V GM GM DALI-2&D4I+DMX/RDM+Auxiliary Source	27-28
PXS-A 200-480V Die-Cast Integrated Housing, 0-10V/PWM/Timer Dimming	29-30
PXS-A GM GM DALI-2&D4I+DMX/RDM+Auxiliary Source	29-30

### PXG Built-in LED Driver for Horticulture/Road/Industrial lighting/40-360W

PXG-Z 100-277V Potentiometer/3-in-1 Dimming/Auxiliary Source/Dip switch /Light control+Electronic wire	31-32
PXG-V 200-480V Potentiometer/3-in-1 Dimming/Auxiliary Source/Dip switch /Light control+Electronic wire	31-32
PXG-W 120-277V Potentiometer/3-in-1 Dimming/Auxiliary Source	31-32

### PXC Road/Tunnel Lighting LED Driver/40-240W

PXC-H 100-277V Potentiometer/Programmable Current Regulation	33
PXC-DV DC 320-480V input Programmable	33
PXC-DU DC 550-750V input Programmable	33

### MCK Built-in LED Driver for Horticulture/Road/Industrial lighting/120-240W

### SPF Industrial Lighting LED Driver/120-240W

## CONSTANT VOLTAGE POWER SUPPLY SERIES

<b>RXG</b> IP67 Constant Voltage LED Driver Series	37-39
<b>RXL</b> IP67 Linear Constant Voltage Led Driver	40
<b>RXC</b> IP67 N-PFC Constant Voltage Led Driver	41
<b>RAB</b> Rainproof Power Supply	42
<b>RAC</b> Rainproof Power Supply	43
<b>RAP</b> IP67 ClassII/Class2 Power Supply	44-45
<b>RAS</b> IP67 CLASSII/Class2 Dimmable Constant Voltage Led Driver	46
<b>RAS-C</b> IP67 CLASSII/2 Dimmable Constant Current Power Supply	47
<b>RAL</b> Dimmable Led Driver	48
<b>RAN</b> IP20 Dimmable Led Driver	49-50
<b>RAN-C</b> Dimmable Constant Current Power Supply	51
<b>EXC</b> N-PFC Enclosed Type Power Supply	52-53
<b>EXG</b> PFC Enclosed Type Power Supply	55-56
<b>EXL</b> N-PFC Slim Type Power Supply	57-58
<b>EXS</b> PFC Slim Type Power Supply	59-60
<b>EDC</b> N-PFC Din-rail Power Supply	57-58
<b>EDG</b> PFC Din-rail Power Supply	61-62
<b>EPC</b> N-PFC Open Board Switching Power Supply	63-64
<b>EPG</b> PFC Open Board Switching Power Supply	65-66

## AUXILIARY ACCESSORIES

Surge Protection Device/LED Driver Programmer/DMX Decoder	67-68
---	-------

## 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

#### Horticulture Lighting

#### 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

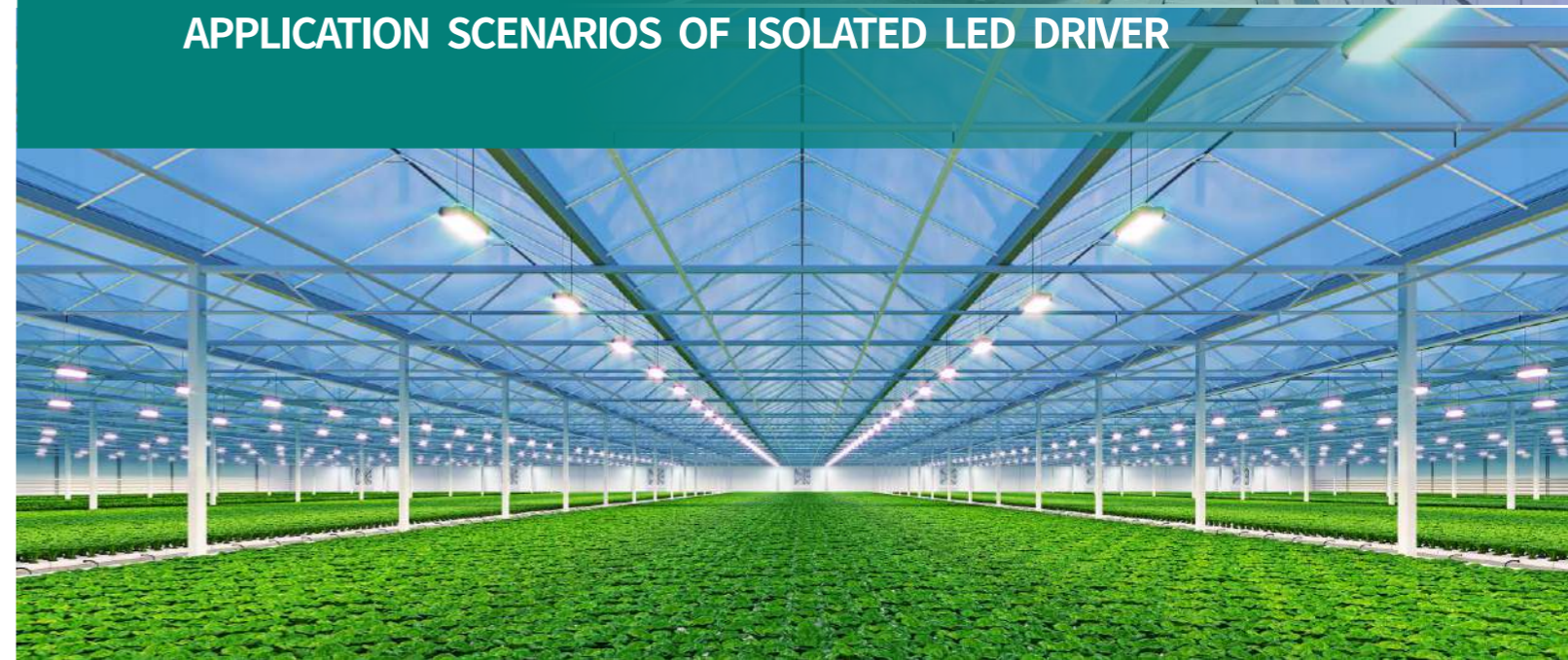
Strong anti-interference ability, and all series meet the industrial conduction and radiation standards.

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

### 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

CB / © / CE / SAA / 

### 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

CB / © / CE /  /  / FC

### 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

CB / © / CE / SAA /  /  / FC

### 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

CE /  / FC

### 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 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 / ENEC / ERE / FC / CLASS P / IEC 60950 / IEC 60950

### 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 / 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-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 / 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 Programmable /3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dim-to-Off

- Input Voltage: 100-277V
- 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 / E478106 / FC / ENEC

### MXL-H Programmable /3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dim-to-Off new

- Input Voltage: 220-240 Vac
- 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+Timer dimming

H: CLASS I+Programmable 0-10V/PWM

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

CB / CE / CCC / SAA / ENEC / E478106 / FC / ENEC



## MXL-Z 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
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 Programmable /3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dim-to-Off 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-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-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-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-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-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-MXL	80W	220-240V	25-56V	36-56V	0.90-2.10A	90.0%	0.98	6/10KV	121*60*32mm
	DL-80H/HK-115A/P-MXL	80W	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-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-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-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-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-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-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-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-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-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-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+Timer dimming

H: CLASS I+Programmable 0-10V/PWM

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 / 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 / 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 / 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 / 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, 6/10 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

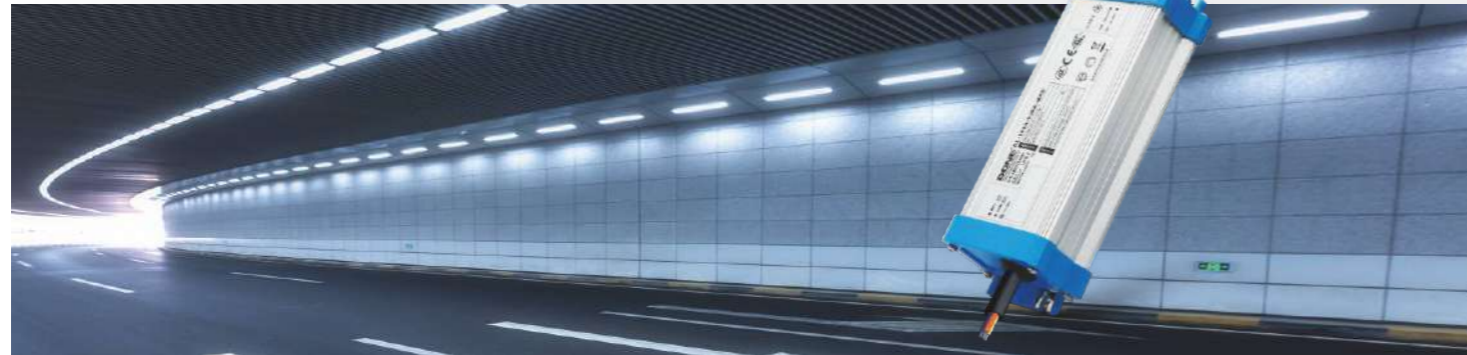
CB / CE / EAC / SAA / FC / EAC

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 / ENEC

### 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 / ENEC

### 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: 100-277Vac (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 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



### MAL-H 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/10KV

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



### MAL-B Programmable /3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dim-to-Off new

- 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



### MAL-Z 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 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 Programmable /3-in-1 Dimming+0/1-5/10V Positive and Negative Logic+Dim-to-Off new

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

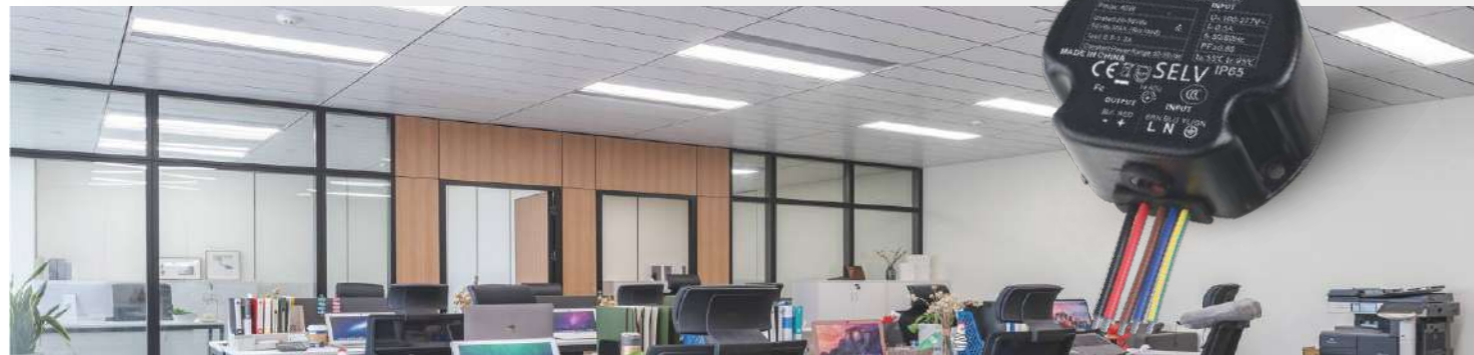
- CLASS II built-in application
- Square plastic case, constant current output
- Input voltage: 100-277Vac
- Output power: 30-70W
- Lightning protection: differential mode 4KV
- IP67

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 / CCC / Compliance with EX II ZG EX mb IIC GB

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

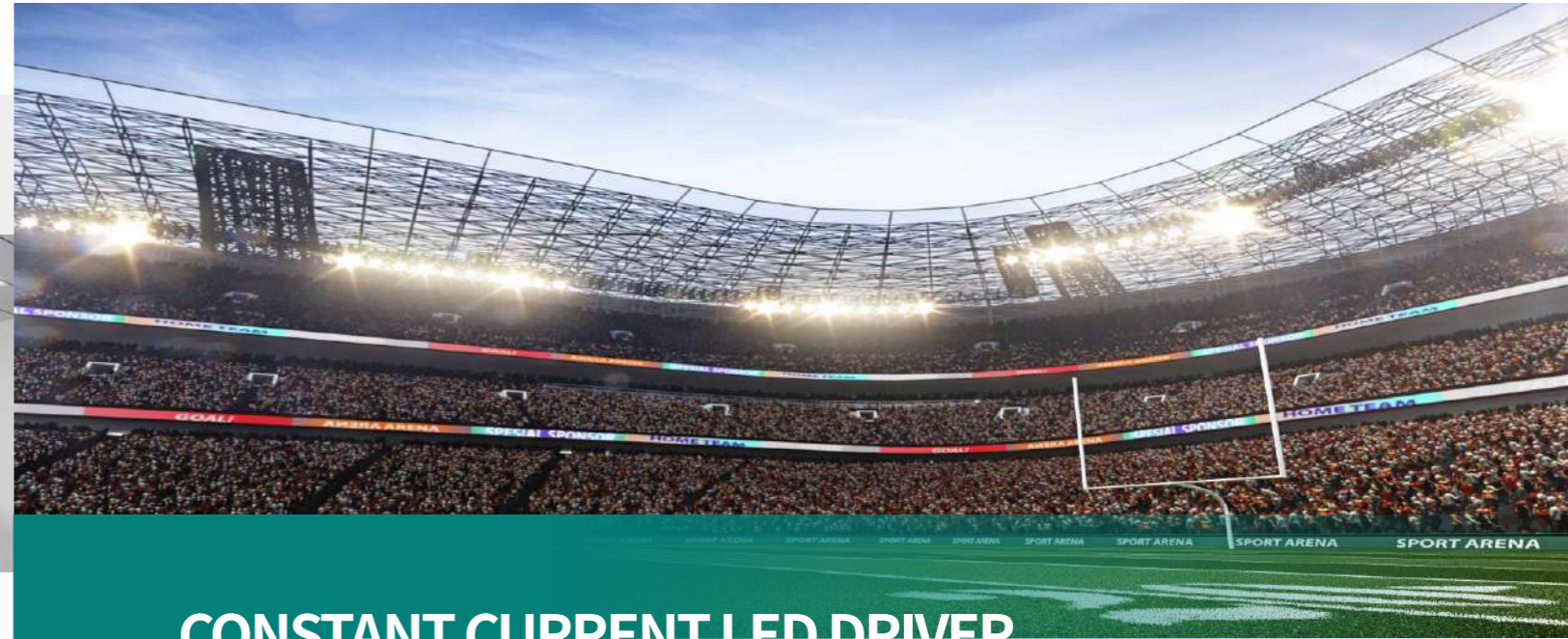
Power	Model No	Output Power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230Vac)	Lightning protection rating	Product Size
40W	DL-40Z-V38A-SBS	40W	100-277V	20-38V	32-38	0.50-1.30A	89.0%	0.95	4/6KV	D75*H33mm
	DL-40Z-V58A-SBS	40W	100-277V	32-58V	42-58	0.35-0.95A	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
- Aluminum Die-Cast Integrated Housing
- Lightning protection: differential mode 10KV, common mode 10KV
- Class I structure
- IP66/IP67;K08
- Five-year warranty
- Constant power design with constant current output
- Designed with no afterglow when turned off.
- Low input inrush current
- Efficiency up to 97.5%

## 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

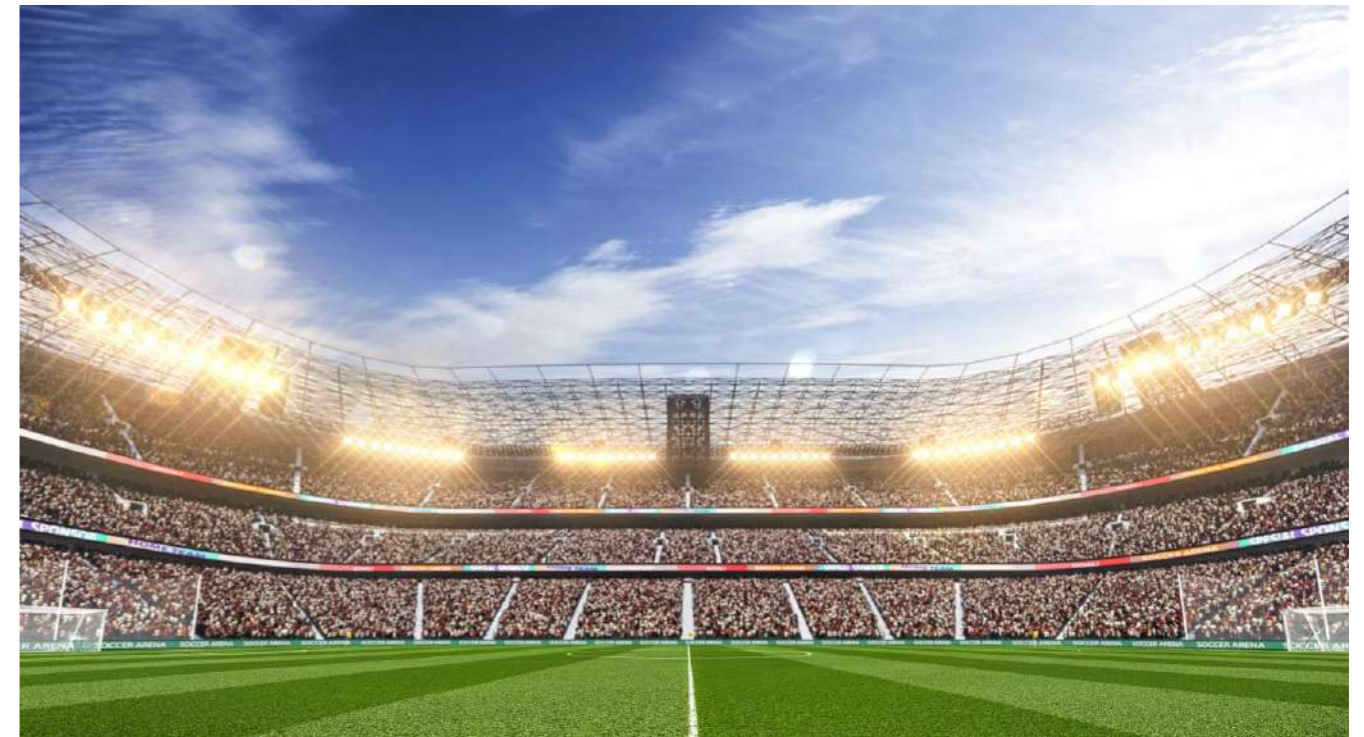
Power	Model No	Output Power	Input Voltage	Output Voltage	Constant powervoltage	Output Current	Efficiency	Power Factor (230Vac)	Lightning protection rating	Product Size
600W	DL-600V-A500X-PXS	600W	200-480V	300-500V	400-500V	0.80-1.50A	96.0%	0.97	10/10KV	334*150*59mm
800W	DL-800V-A500X-PXS	800W	200-480V	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 powervoltage	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
- Lightning 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 / ENEC / ETL / UL

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 ≥ 0.97.
- 4KV Surge protection.
- IP67 Protection level.
- Standby power consumption ≤ 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 ≥ 0.97.
- Compliant with IEEE1789 standard
- for healthy lighting without flicker.
- Ultra-thin design, with the thinnest structure measuring 16mm.
- 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.

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 /  / CCC / UL

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
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**



DL-B10S-SPD DL-B10P-SPD DL-B20S-SPD DL-B20P-SPD



## 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**



DL-LSP10-PY DL-LSP10-PR DL-LSP10-SR DL-LSP10-SY



## 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**



DL-LSP20-PY DL-LSP20-PR DL-LSP20-SR DL-LSP20-SY



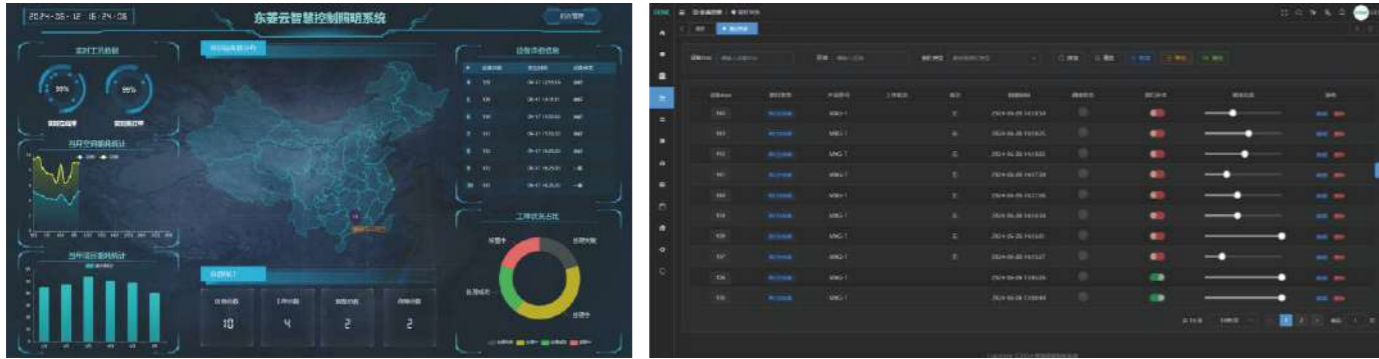
## DMX DECODER

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

# DONE CLOUD SMART LIGHTING CONTROL SYSTEM

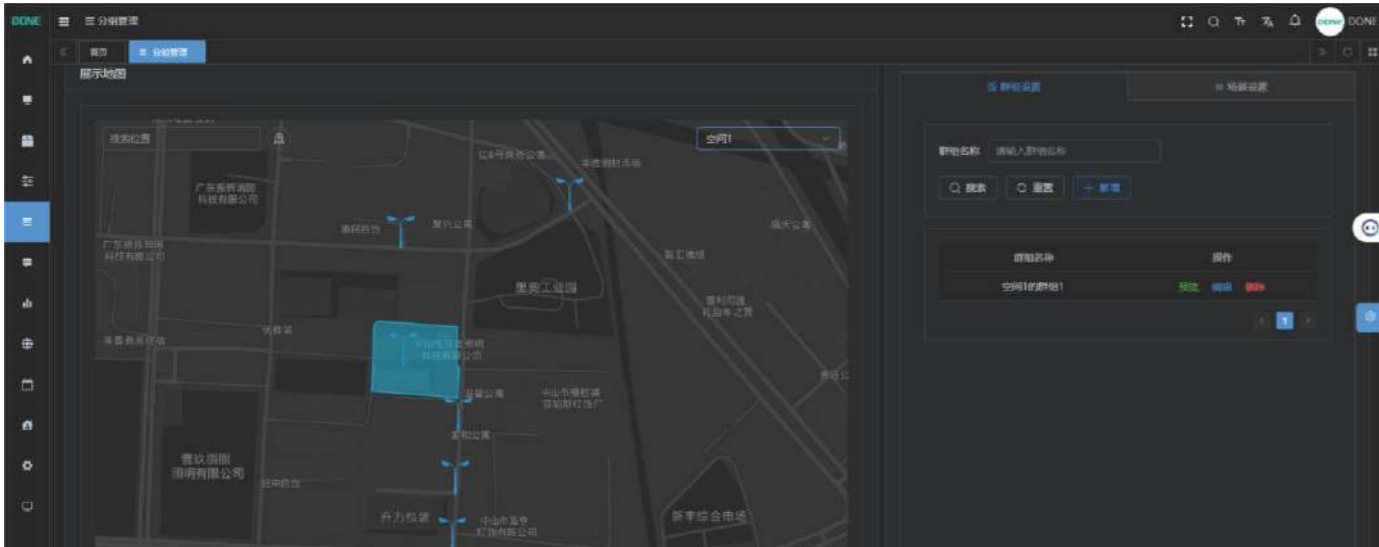
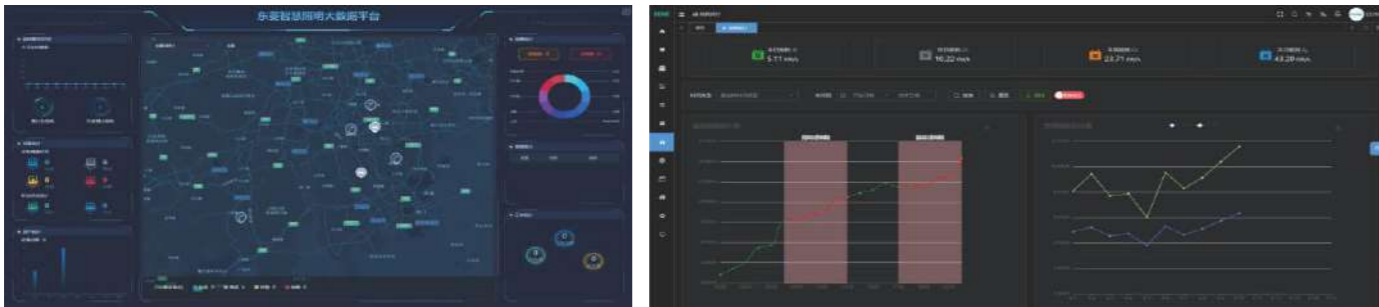
## Remote batch dimming reduces operation and maintenance cost

Connect to DONE smart control platform; Support remote on/off, batch dimming, and current adjustment  
Support local timing strategy/latitude and longitude strategy, precise control, and efficient use



## Real-time monitoring of lamp status Efficient and accurate data collection

Support the collection of voltage, current, power and energy consumption.  
Leakage, power failure, over-temperature, over-voltage, under-voltage, flashing light, short circuit, abnormal light failure warning.



# 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.