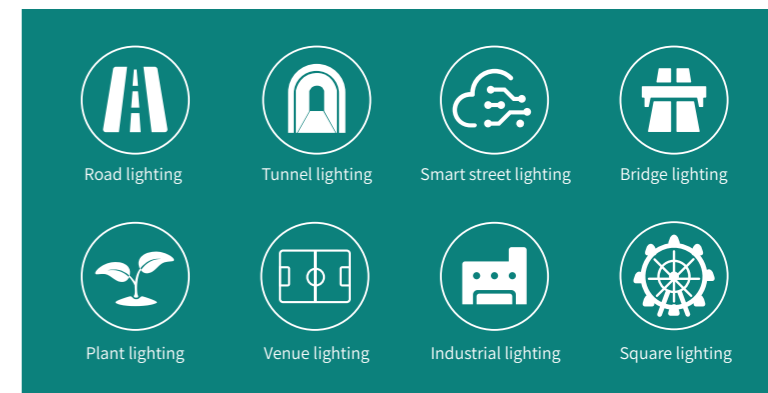




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## GUANGDONG DONE POWER TECHNOLOGY CO.,LTD



Mart  
Oversea Marketing Director  
Add: Done Industrial Park, No.3 Kanglong 3rd Rd,Henglan Town, Zhongshan,Guangdong,China 528478  
Tel:+86-760-89838379 Fax:+86-760-89838378  
MP/Wechat:+8618938770300 WhatsApp:+8618938770300  
Website: www.donepower.com Email: done24@donepower.com

2024.06.01



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# DONE LIGHTEN UP PLAN

LIGHT UP THE CITY / LIGHT UP LIFE / LIGHT UP DREAMS

## ENTERPRISE CULTURE

### ▶ VISION

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

### ▶ BRAND VALUES

Honesty / Practicability / High efficiency / Responsibility

### ▶ MISSION

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.

### ▶ BUSINESS PHILOSOPHY

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

### ▶ MANAGEMENT PHILOSOPHY

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

## Enterprise brief introduction

Guangdong DONE Power Technology Co.,Ltd was founded in May 2009. After more than 10 years of development, it has won many honors such as Guangdong Science and Technology Innovation Enterprise, Guangdong High tech Technology Enterprise, Guangdong Engineering Technology Research Center, Zhongshan Engineering Technology Research Center, etc. The company now has more than 38,000 square meters of modern standardized workshops and more than 600 employees.

It is a comprehensive brand enterprise integrating outdoor road lighting led driver, smart lighting led driver, plant lighting, agricultural lighting led driver, super high-power stadium lighting led driver, industrial lighting led driver research and development, manufacturing, sales and service.

We always adhere to the business philosophy of "diligence, perseverance, innovation, integrity, teamwork, and cooperation" core idea of the company. "Customer-centered, providing high-quality services; brand-based strategy, insisting on innovative development" is our quality policy; "providing every customer with more valuable high-power solutions" is our eternal goal. We strive to be the top three led driver manufacturers in the industry.

We know that talents are the first asset and core competitiveness for the development and growth of an enterprise. Since the establishment of the company, it has recruited talents and knowledgeable people to make good use of, and has gathered dozens of intermediate and senior electronic technical engineers with many years of research and development experience in the industry. This has enabled Done power to have strong product development and rapid verification capabilities in led driver research and development. With rich development experience, strong technical strength, rigorous quality management, and scientific product manufacturing in the field of high-power led drivers , Done power has won unanimous praise from customers since it was built.

Since 2011, Done Power has confirmed its branded business route with "DONE Power" as the main carrier. For more than ten years, the company has invested heavily in introducing advanced domestic and foreign R&D technologies, various sophisticated R&D and testing equipment, and established Innovative research center, reliability verification and intermediate technical institutions, so that Done Power has the ability to carry out the simulation test of the entire process of led drivers.

To create high-quality, high-reliability led driver, and to provide the industry with more selective high-power LED drive products is the spirit that Done power always upholds in product research and development. Done has developed technology options and solutions for each product. Design Verification (DVT), Quality Testing (DQT), Product Verification, Raw Material Selection, pilot Production Control, and Mass Production launching follow high standards of refinement and zero defects; the company is developing key components for all products In the process, a full range of application analysis, high and low temperature and its limit test, safety test, EMC test, accelerated aging test, etc. have been carried out to ensure the high reliability and stability of Done products.

In terms of pilot Production, with fast and strong R&D strength and stable quality, the company's products have successively passed CCC, FCC, CB, PSE, TUV, CE, SAA, UL, C-tick and other domestic and foreign product certifications, which are enable Done Power products go abroad and exported to more than 100 countries in Europe, America, the Middle East, Southeast Asia, Australia, Russia, etc. It has established a favorable guarantee. In terms of terminal applications, Done Power is widely used in various lighting projects, municipal engineering, and industrial Lighting products for factories, mines, stadiums, etc.

In terms of marketing network construction, Done has gradually strengthened the construction of its own channels and distribution channels since 2015, established East China and South China operation centers, set up offices in Ningbo, Changzhou, Shenzhen and other places, and successfully developed Fujian, Yangzhou, Distributors in Wenzhou, Danyang, Hebei, Shenzhen, Chengdu and other regions have successfully developed distributors in Brazil ,Russia, Egypt, Turkey, Vietnam and other countries in abroad, laying a solid foundation for Done Power's global market layout.

Done think highly of the construction of corporate culture, implements a good employee welfare system internally, creates a fair and equitable development platform, carries out various corporate cultural activities, continuously improves the company management system, and strives to learn advanced management experience and philosophy from industry benchmark companies . We sincerely invite people who have dream,aspire,unwilling to be ordinary to join in Done Power , and strive for the "100-year Done Power" corporate goal while achieving their own achievements.

We believe that with the joint efforts of all Done people, the future of Done Power will surely rise like the rising sun and glorious earth!

# COMPANY HISTORY

**2009**

2009 zhongshan lighting electronics factory was established.

**2010-2011**

In 2011, building R&D, QC and PMC, and domestic sales team.

**2012-2013**

Successfully registered trade mark "DONE", identify brand operation strategy! new factory was built with construction area of 25000m<sup>2</sup>

**2014-2015**

In 2014, the company was renamed "zhongshan Done lighting technology co., LTD." building the overseas sales team.

In 2015, the first phase of Done lighting has completed, and factory moved to the new plant from guzhen. Company passed ISO 9001-2008.

**2016-2018**

In 2016, DONE passed the high-tech enterprise certification, and DONE phase II plant started construction.

In 2017, the second phase of the plant will be completed and newly settled in the SMT, cable processing and high-power production workshop, which will provide a strong boost for the second take-off of DONE.

In 2018, DONE established Shenzhen operation center and Ningbo operation center, and formally entered the shenzhen and ningbo market.

**2019-2021**

DONE phase III industrial park starts building, R&D center and Verification Center are completed.

DONE listing strategic released, and introduce third-party to help brand upgrade.

**In The Future**

The high-power LED driver production base project has officially started, supporting smart factory upgrades and launching information technology projects.

laying out new energy industry, completing the expansion of DONE's diversified business areas.



# ENTERPRISE SCENE

Focus on high power led drivers



# HONOR



# GLOBAL BRANDED HIGH POWER LIGHTING LED DRIVER ONE-STOP SERVICE PROVIDER

**DONE ELECTRONIC**  
Focus on constant voltage switching power supply business

**DONE POWER**  
Focus on high power LED constant current power supply business

CONSTANT VOLTAGE LED DRIVER

CONSTANT CURRENT LED DRIVER



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# MXS

## ISOLATED PLANT/SPORTS LIGHTING LED DRIVER SERIES

### PRODUCT FEATUERS

- 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
- DC 12V auxiliary output as standard.
- One-touch programming dimming
- IP67 rating
- Life warning, Soft start, Light decay compensation
- SCP,OVP,OTP,OCP protection
- 8 years warranty

### MXS ISOLATED PLANT/SPORTS LIGHTING LED DRIVER SERIES

- Input voltage: 100-277Vac, 200-480Vac optional
- Output power: 680W-1600W
- Dimming interface: Rj11/12 (J type) optional
- Lightning protection: differential mode 6KV, common mode 15KV

J: Programming + 12V auxiliary source + RJ11/12 network interface  
 X: 12V auxiliary source output version



### MXS-WE/WY MULTI-OUTPUT PLANT LIGHTING LED DRIVER SERIES

- Input voltage: 120-277vac
- Outputs: 2 way outputs, 3 way outputs
- Support power transfer function
- Lightning protection: differential mode 6kv, common mode 15kv

Y+X : Two outputs + programming auxiliary source version  
 E+X : Three outputs + programmable auxiliary source version



### MXS 43.5MM BUILT-IN PLANT LIGHTING LED DRIVER SERIES

- Suitable for Octopus plant lighting applications.
- Input voltage: 100-277Vac, 200-480Vac optional
- Output power: 220W-440W
- Lightning protection: differential mode 6KV, common mode 10KV

X: 12V auxiliary source output version



### MXS 100-277VAC FULL VOLTAGE INPUT SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
680W	DL-680Z-56X/J-MXS	500-680W	100-277V	36-56V	46-56V	10.7-14.8A	95.5%	0.97	6KV/15KV	315/325*90*44.5mm
800W	DL-800Z-56X/J-MXS	600-800W	100-277V	36-56V	46-56V	10.7-17.4A	96%	0.97	6KV/15KV	315/325*90*44.5mm
1000W	DL-1000Z-56X/J-MXS	800-1000W	100-277V	36-56V	46-56V	14.3-21.75A	96%	0.97	6KV/15KV	355/365*90*44.5mm
1200W	DL-1200Z-V220X-MXS	600-1200W	120-277V	150-220V	160-220V	4-7.5A	96%	0.97	6KV/15KV	315*130*48mm
	DL-1200Z-56X-MXS	600-1200W	100-277V	36-56V	46-56V	16-26.1A	96%	0.97	6KV/15KV	385*90*48mm
1600W	DL-1600Z-56X-MXS	1200-1600W	100-277V	36-56V	46-56V	21.4-34.8A	96.5%	0.97	6KV/15KV	440*90*48mm

J: Programming + 12V auxiliary source + RJ11/12 network interface X: 12V auxiliary source output version

### MXS 200-480VAC HIGH VOLTAGE INPUT SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
680W	DL-680V-56X/J-MXS	500-680W	200-480V	36-56V	46-56V	10.7-14.8A	95.5%	0.97	6KV/15KV	315/325*90*44.5mm
800W	DL-800V-56X/J-MXS	600-800W	200-480V	36-56V	46-56V	10.7-17.4A	96%	0.97	6KV/15KV	315/325*90*44.5mm
1000W	DL-1000V-56X/J-MXS	800-1000W	200-480V	36-56V	46-56V	14.3-21.75A	96%	0.97	6KV/15KV	355/365*90*44.5mm
1200W	DL-1200V-56X-MXS	600-1200W	200-480V	36-56V	46-56V	16-26.1A	96%	0.97	6KV/15KV	385*90*48mm
1600W	DL-1600V-56X-MXS	1200-1600W	200-480V	36-56V	46-56V	21.4-34.8A	96.5%	0.97	6KV/15KV	440*90*48mm

J: Programming + 12V auxiliary source + RJ11/12 network interface X: 12V auxiliary source output version

### MXS-WE/WY MULTI-OUTPUT PLANT LIGHTING LED DRIVER SERIES

#### 3 WAY OUTPUTS

Model	Passageway	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
DL-1000WE-V56X-MXS	full Power ChannelCH1	500-800W	120-277V	36-56V	46-56V	9-17.4A	96%	0.97	6KV/15KV	340*130*48mm
	Channel CH1	500-700W	120-277V	36-56V	46-56V	9-15.2A	96%	0.97	6KV/15KV	340*130*48mm
	Channel CH2	100-200W	120-277V	36-56V	36-56V	1.8-5.5A	94.5%	0.97	6KV/15KV	340*130*48mm
	Channel CH3	70-100W	120-277V	36-56V	36-56V	1.25-2.8A	94.5%	0.97	6KV/15KV	340*130*48mm

#### 2 WAY OUTPUTS

Model	Passageway	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
DL-1000WY-V56X-MXS	full Power ChannelCH1	680-1000W	120-277V	35-56V	46-56V	12.1-21.75A	96%	0.97	6KV/15KV	340*130*48mm
	Channel CH1	680-900W	120-277V	35-56V	46-56V	12.1-19.6A	96%	0.97	6KV/15KV	340*130*48mm
	Channel CH2	70-100W	120-277V	35-56V	36-56V	1.25-2.8A	94.5%	0.97	6KV/15KV	340*130*48mm

Y+X : Two outputs + programming auxiliary source version E+X : Three outputs + programmable auxiliary source version

### MXS 43.5MM BUILT-IN PLANT LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
220W	DL-220Z-56X-MXS	150-220W	100-277V	30-56V	46-56V	2.7-4.8A	94%	0.97	6KV/10KV	270*43.5*31.5mm
	DL-220V-56X-MXS	150-220W	200-480V	30-56V	46-56V	2.7-4.8A	94%	0.97	6KV/10KV	270*43.5*31.5mm
330W	DL-330Z-56X-MXS	200-330W	100-277V	30-56V	46-56V	3.6-7.2A	94%	0.97	6KV/10KV	360*43.5*31.5mm
	DL-330V-56X-MXS	200-330W	200-480V	30-56V	46-56V	3.6-7.2A	94%	0.97	6KV/10KV	360*43.5*31.5mm
440W	DL-440Z-56X-MXS	300-440W	100-277V	30-56V	46-56V	5.3-9.6A	94.5%	0.97	6KV/10KV	390*43.5*31.5mm
	DL-440V-56X-MXS	300-440W	200-480V	30-56V	46-56V	5.3-9.6A	94.5%	0.97	6KV/10KV	390*43.5*31.5mm

X: 12V auxiliary source output version

# MXG

## UNIVERSAL OUTDOOR LIGHTING LED DRIVER SERIES



### PRODUCT FEATURES

- Input voltage: 100-277Vac or 120-277Vac
- Output voltage 25-56V, 36-56V constant power adjustable
- Provide low current and high output voltage version 0.5-1.05A
- Output current can be adjusted in various ways
- Auxiliary output: standard or optional
- Lightning protection: differential mode 6KV, common mode 15KV
- Efficiency up to 96%
- IP67 rating
- Life warning, Soft start, Light failure compensation
- SCP,UVP,OTP,OCP protection
- 5 years warranty

### MXG-D DALI 2.0 PROGRAMMABLE LED DRIVER SERIES

- Support DALI 2.0 + 12V auxiliary output
- Input voltage: 120-277Vac
- Output power: 30-240W

DX: DALI + programming auxiliary source version  
 GX: DALI 2.0 + NFC + programming auxiliary source version



### MXG UNIVERSAL OUTDOOR LIGHTING LED DRIVER SERIES

- Input voltage: 120-277Vac
- Output power: 30-720W

A: Potentiometer adjustable version  
 P: Programmable version  
 X: 12V auxiliary source output version



### MXG-K CLASS II LED DRIVER SERIES

- CLASS II applications, one-button programming
- Input voltage: 120-277Vac
- Output Power: 50-240W

K: CLASS II version



### MXG UNIVERSAL OUTDOOR LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30W-V56A/P/X-MXG	10-30W	120-277V	25-56V	30-56V	0.3-1A	89%	0.95	6KV/15KV	110*63*32mm
50W	DL-50W-V56A/P/X/WK-MXG	50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.95	6KV/15KV	110*63*32mm
	DL-50W-V72A/P/X/WK-MXG	50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6KV/15KV	110*63*32mm
75W	DL-75W-V56A/P/X/WK-MXG	75W	120-277V	25-56V	36-56V	0.9-2.3A	89%	0.95	6KV/15KV	138*63*32mm
	DL-75W-V108A/P/X/WK-MXG	75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	6KV/15KV	138*63*32mm
100W	DL-100W-V56A/P/X/WK-MXG	100W	120-277V	25-56V	36-56V	1.3-2.8A	89.5%	0.95	6KV/15KV	153*63*32mm
	DL-100W-V143A/P/X/WK-MXG	100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6KV/15KV	153*63*32mm
150W	DL-150W-V56A/P/X/WK-MXG	150W	120-277V	25-56V	36-56V	1.8-4.2A	92%	0.95	6KV/15KV	186*63*32mm
	DL-150W-V214A/P/X/WK-MXG	150W	120-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6KV/15KV	186*63*32mm
200W	DL-200W-V56A/P/X/WK-MXG	200W	120-277V	25-56V	36-56V	2.6-5.6A	92%	0.95	6KV/15KV	199*63*37mm
	DL-200W-V286A/P/X/WK-MXG	200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.95	6KV/15KV	199*63*37mm
240W	DL-240W-V56A/P/X/WK-MXG	240W	120-277V	25-56V	36-56V	3.5-6.7A	92%	0.95	6KV/15KV	217*63*37mm
	DL-240W-V343A/P/X/WK-MXG	240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/15KV	217*63*37mm
320W	DL-320W-V56X-MXG	320W	120-277V	25-56V	42-56V	4.2-7.65A	93.5%	0.97	6KV/15KV	244*83*40mm
	DL-320W-V428X-MXG	320W	120-277V	228-428V	304-428V	0.75-1.05A	93.5%	0.97	6KV/15KV	244*83*40mm
400W	DL-400W-V56X-MXG	320-400W	120-277V	25-56V	46-56V	5.7-8.7A	94.5%	0.97	6KV/15KV	244*83*40mm
	DL-400W-V428X-MXG	320-400W	120-277V	228-428V	286-428V	0.75-1.4A	94.5%	0.97	6KV/15KV	244*83*40mm
500W	DL-500W-V56X-MXG	400-500W	120-277V	25-56V	46-56V	5.7-10.8A	94%	0.97	6KV/15KV	266*95*44mm
	DL-500W-V428X-MXG	400-500W	120-277V	228-428V	357-428V	1.15-1.4A	94%	0.97	6KV/15KV	266*95*44mm
600W	DL-600W-V56X-MXG	400-600W	120-277V	25-56V	46-56V	7.1-13A	95%	0.97	6KV/15KV	280*130*45mm
	DL-600W-V428X-MXG	400-600W	120-277V	276-428V	357-428V	1.4-1.75A	95%	0.97	6KV/15KV	280*130*45mm
720W	DL-720W-V56X-MXG	600-720W	120-277V	25-56V	46-56V	10.7-15.7A	95%	0.97	6KV/15KV	310*130*45mm
	DL-720W-V428X-MXG	600-720W	120-277V	285-343V	357-428V	1.4-2.1A	95%	0.97	6KV/15KV	310*130*45mm

A: Potentiometer adjustable version P: Programmable version X: 12V auxiliary source output version K: CLASS II version

### MXG-D DALI 2.0 PROGRAMMABLE LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30W-V56DX-MXG	15-30W	120-277V	25-56V	30-56V	0.3-1A	89%	0.97	6KV/15KV	110*63*32mm
50W	DL-50W-V56DX/GX-MXG	25~50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.97	6KV/15KV	110*63*32mm
	DL-50W-V72DX/GX-MXG	25~50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.97	6KV/15KV	110*63*32mm
75W	DL-75W-V56DX/GX-MXG	50~75W	120-277V	25-56V	30-56V	0.9-2.3A	90%	0.97	6KV/15KV	138*63*32mm
	DL-75W-V108DX/GX-MXG	50~75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.97	6KV/15KV	138*63*32mm
100W	DL-100W-V56DX/GX-MXG	75~100W	120-277V	25-56V	36-56V	1.3-2.8A	91%	0.97	6KV/15KV	153*63*32mm
	DL-100W-V143DX/GX-MXG	75~100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.97	6KV/15KV	153*63*32mm
150W	DL-150W-V56DX/GX-MXG	100~150W	120-277V	25-56V	36-56V	1.8-4.2A	92%	0.97	6KV/15KV	186*63*32mm
	DL-150W-V214DX/GX-MXG	100~150W	120-277V	95-214V	143-214V	0.5-1.05A	92%	0.97	6KV/15KV	186*63*32mm
200W	DL-200W-V56DX/GX-MXG	150~200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.97	6KV/15KV	199*63*37mm
	DL-200W-V286DX/GX-MXG	150~200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.97	6KV/15KV	199*63*37mm
240W	DL-240W-V56DX/GX-MXG	200~240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.97	6KV/15KV	217*63*37mm
	DL-240W-V343DX/GX-MXG	200~240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.97	6KV/15KV	217*63*37mm

DX: DALI + programming auxiliary source version GX: DALI 2.0 + NFC + programming auxiliary source version

# MXG-L/T

## LORA/CAT.1 INTEGRATED COMMUNICATION LED DRIVER SERIES



### PRODUCT FEATUERS

- Input voltage: 100-277Vac
- Output voltage 25-56V, 36-56V constant power adjustable
- Provide low current and high output voltage version 0.5-1.05A
- Output current can be adjusted in various ways
- Auxiliary output: standard or optional
- Lightning protection: differential mode 6KV, common mode 15KV
- Efficiency up to 96%
- IP67 rating
- Life warning, Soft start, Light decay compensation
- SCP,UVP,OTP,OCP protection
- 5 years warranty



### MXG-L LORA INTELLIGENT INTEGRATED COMMUNICATION LED DRIVER SERIES

- Integrate LORA single light controller to achieve intelligent control of lights
- Input voltage: 100-277Vac
- Output power: 60-320W

L: LORA Communication



### MXG-T CAT.1 INTELLIGENT INTEGRATED COMMUNICATION LED DRIVER SERIES

- Integrate CAT.1 single light controller to achieve intelligent control of lights
- Input voltage: 100-277Vac
- Output power: 60-320W

T: CAT 1 communication



### MXG-L LORA INTELLIGENT INTEGRATED COMMUNICATION LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
60W	DL-60Z-56L-MXG	60W	100-277V	25-56V	30-56V	0.7-2A	89%	0.97	6KV/15KV	150*68*32mm
	DL-60Z-86L-MXG	60W	100-277V	36-72V	58-86V	0.5-1.05A	89%	0.97	6KV/15KV	150*68*32mm
80W	DL-80Z-56L-MXG	80W	100-277V	25-56V	36-56V	1.07-2.23A	90%	0.95	6KV/15KV	150*68*32mm
	DL-80Z-115L-MXG	80W	100-277V	57-115V	76-115V	0.5-1.05A	90%	0.95	6KV/15KV	150*68*32mm
100W	DL-100Z-56L-MXG	100W	100-277V	25-56V	36-56V	1.3-2.8A	90%	0.95	6KV/15KV	185*68*37mm
	DL-100Z-143L-MXG	100W	100-277V	71-143V	95-143V	0.5-1.05A	90%	0.95	6KV/15KV	185*68*37mm
150W	DL-150Z-56L-MXG	150W	100-277V	25-56V	36-56V	1.7-4.2A	92%	0.95	6KV/15KV	185*68*37mm
	DL-150Z-214L-MXG	150W	100-277V	95-214V	143-214V	0.5-1.05A	92%	0.95	6KV/15KV	185*68*37mm
200W	DL-200Z-56L-MXG	200W	100-277V	25-56V	36-56V	2.6-5.6A	93%	0.95	6KV/15KV	225*68*37mm
	DL-200Z-286L-MXG	200W	100-277V	143-286V	190-286V	0.5-1.05A	93%	0.95	6KV/15KV	225*68*37mm
240W	DL-240Z-56L-MXG	240W	100-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/15KV	225*68*37mm
	DL-240Z-343L-MXG	240W	100-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/15KV	225*68*37mm
320W	DL-320Z-56L-MXG	320W	100-277V	25-56V	42-56V	4.2-7.65A	94%	0.95	6KV/15KV	200*83*40mm
	DL-320Z-428L-MXG	320W	100-277V	228-428V	304-428V	0.7-1.05A	94%	0.95	6KV/15KV	200*83*40mm

L: LORA Communication

### MXG-T CAT.1 INTELLIGENT INTEGRATED COMMUNICATION LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
60W	DL-60Z-56T-MXG	60W	100-277V	25-56V	30-56V	0.7-2A	89%	0.97	6KV/15KV	150*68*32mm
	DL-60Z-86T-MXG	60W	100-277V	36-72V	58-86V	0.5-1.05A	89%	0.97	6KV/15KV	150*68*32mm
80W	DL-80Z-56T-MXG	80W	100-277V	25-56V	36-56V	1.07-2.23A	90%	0.95	6KV/15KV	150*68*32mm
	DL-80Z-115T-MXG	80W	100-277V	57-115V	76-115V	0.5-1.05A	90%	0.95	6KV/15KV	150*68*32mm
100W	DL-100Z-56T-MXG	100W	100-277V	25-56V	36-56V	1.3-2.8A	90%	0.95	6KV/15KV	185*68*37mm
	DL-100Z-143T-MXG	100W	100-277V	71-143V	95-143V	0.5-1.05A	90%	0.95	6KV/15KV	185*68*37mm
150W	DL-150Z-56T-MXG	150W	100-277V	25-56V	36-56V	1.7-4.2A	92%	0.95	6KV/15KV	185*68*37mm
	DL-150Z-214T-MXG	150W	100-277V	95-214V	143-214V	0.5-1.05A	92%	0.95	6KV/15KV	185*68*37mm
200W	DL-200Z-56T-MXG	200W	100-277V	25-56V	36-56V	2.6-5.6A	93%	0.95	6KV/15KV	225*68*37mm
	DL-200Z-286T-MXG	200W	100-277V	143-286V	190-286V	0.5-1.05A	93%	0.95	6KV/15KV	225*68*37mm
240W	DL-240Z-56T-MXG	240W	100-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/15KV	225*68*37mm
	DL-240Z-343T-MXG	240W	100-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/15KV	225*68*37mm
320W	DL-320Z-56T-MXG	320W	100-277V	25-56V	42-56V	4.2-7.65A	94%	0.95	6KV/15KV	200*83*40mm
	DL-320Z-428T-MXG	320W	100-277V	228-428V	304-428V	0.7-1.05A	94%	0.95	6KV/15KV	200*83*40mm

T: CAT 1 communication



# MUG

ISOLATED HIGH VOLTAGE INPUT PLANT/SPORTS LIGHTING LED DRIVER SERIES



## PLANT LIGHTING LED DRIVER APPLICATION SCENARIO

### PRODUCT FEATURES

- Ultra high voltage input 277-480Vac
- Low current high output voltage versions available 0.5-1.05A
- One-touch programming
- Lightning protection: differential mode 6KV, common mode 10KV
- IP67 rating
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,UVP,OTP,OCP protection
- 5 years warranty

P: Programmable version



Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
100W	DL-100U-V56P-MUG	100W	277-480V	25-56V	36-56V	0.8-2.8A	90%	0.97	6KV/10KV	200*68*37mm
	DL-100U-V143P-MUG	100W	277-480V	47-143V	95-143V	0.7-1.05A	90%	0.97	6KV/10KV	200*68*37mm
150W	DL-150U-V56P-MUG	150W	277-480V	25-56V	36-56V	1.7-4.2A	91%	0.97	6KV/10KV	200*68*37mm
	DL-150U-V214P-MUG	150W	277-480V	95-214V	143-214V	0.7-1.05A	91%	0.97	6KV/10KV	200*68*37mm
240W	DL-240U-V56P-MUG	240W	277-480V	25-56V	36-56V	2.6-6.7A	92%	0.97	6KV/10KV	230*68*37mm
	DL-240U-V343P-MUG	240W	277-480V	142-343V	228-343V	0.7-1.05A	92%	0.97	6KV/10KV	230*68*37mm
320W	DL-320U-V56P-MUG	320W	277-480V	25-56V	36-56V	4.2-9.0A	93%	0.97	6KV/10KV	245*83*40mm
	DL-320U-V428P-MUG	320W	277-480V	228-428V	304-428V	0.7-1.05A	93%	0.97	6KV/10KV	245*83*40mm
600W	DL-600U-56P-MUG	600W	277-480V	25-56V	46-56V	7.1-13A	95%	0.97	6KV/10KV	280*130*44mm
	DL-600U-428P-MUG	600W	277-480V	276-428V	357-428V	0.93-1.68A	95%	0.97	6KV/10KV	280*130*44mm
800W	DL-800U-56P-MUG	800W	277-480V	25-56V	46-56V	10.7-17.4A	96%	0.97	6KV/10KV	290*130*44mm
	DL-800U-428P-MUG	800W	277-480V	222-428V	296-428V	1.4-2.7A	96%	0.97	6KV/10KV	290*130*44mm

P: Programmable version





# MXK

PROGRAMMABLE EUROPEAN ROAD LIGHTING LED DRIVER SERIES

## PRODUCT FEATUERS

- CLASS I、II compatible
- Open structure, built-in mounting application
- Conforms to Zhaga Interface Specification 13
- Conforms to Zhaga Interface Specification 24 NFC definition
- Input voltage: 200-277Vac
- Supports multiple dimming methods
- Lightning protection: differential mode 6KV, common mode 10KV
- IP20 rating
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,UVP,OTP,OCP protection
- 5 years warranty

## MXK-FP NFC+PROGRAMMABLE EUROPEAN ROAD LIGHTING LED DRIVER SERIES

- NFC One Touch Programming

CB / CE / CCC / SAA / RoHS

## MXK-FX NFC+12V AUXILIARY SOURCE PROGRAMMABLE EUROPEAN ROAD LIGHTING LED DRIVER SERIES

- NFC One Touch Programming
- DC 12V Auxiliary Output

CB / CE / CCC / SAA / RoHS

## MXK-FD NFC+DALI 2.0 EUROPEAN ROAD LIGHTING LED DRIVER SERIES

- DALI 2.0 certified
- NFC One Touch Programming
- DC 12V Auxiliary Output

CB / CE / CCC / SAA / DALI / RoHS

## MXK-GX NFC+DALI 2.0&D4I EUROPEAN ROAD LIGHTING LED DRIVER SERIES

- DALI 2.0 & D4I certified
- NFC One Touch Programming
- DC 24V auxiliary output
- NTC can be connected externally to monitor the temperature and protect the equipment.

CB / CE / CCC / SAA / DALI / RoHS

## MXK-FP NFC+PROGRAMMABLE EUROPEAN ROAD LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
22W	DL-22H-V32FP-MXK	10-22W	200-277V	8-32V	21-32V	0.5-1.05A	88%	0.97	6KV/10KV	133*77*40mm
40W	DL-40H-V58FP-MXK	20-40W	200-277V	19-58V	38-58V	0.5-1.05A	89%	0.97	6KV/10KV	133*77*40mm
60W	DL-60H-V80FP-MXK	40-60W	200-277V	38-80V	58-80V	0.5-1.05A	89%	0.97	6KV/10KV	133*77*40mm
80W	DL-80H-V115FP-MXK	40-80W	200-277V	38-115V	76-115V	0.5-1.05A	90%	0.97	6KV/10KV	133*77*40mm
110W	DL-110H-V158FP-MXK	80-110W	200-277V	76-158V	105-158V	0.5-1.05A	91%	0.97	6KV/10KV	133*77*40mm
165W	DL-165H-V235FP-MXK	110-165W	200-277V	104-235V	157-236V	0.5-1.05A	93%	0.97	6KV/10KV	170*100*40mm
200W	DL-200H-V286FP-MXK	165-200W	200-277V	157-286V	190-286V	0.5-1.05A	93.5%	0.97	6KV/10KV	170*100*40mm

FP: NFC programming

## MXK-FX NFC+12V AUXILIARY SOURCE PROGRAMMABLE EUROPEAN ROAD LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
22W	DL-22H-V32FX-MXK	10-22W	200-277V	8-32V	21-32V	0.5-1.05A	88%	0.97	6KV/10KV	133*77*40mm
40W	DL-40H-V58FX-MXK	20-40W	200-277V	19-58V	38-58V	0.5-1.05A	89%	0.97	6KV/10KV	133*77*40mm
60W	DL-60H-V80FX-MXK	40-60W	200-277V	38-80V	58-80V	0.5-1.05A	89%	0.97	6KV/10KV	133*77*40mm
80W	DL-80H-V115FX-MXK	40-80W	200-277V	38-115V	76-115V	0.5-1.05A	90%	0.97	6KV/10KV	133*77*40mm
110W	DL-110H-V158FX-MXK	80-110W	200-277V	76-158V	105-158V	0.5-1.05A	91%	0.97	6KV/10KV	133*77*40mm
165W	DL-165H-V235FX-MXK	110-165W	200-277V	104-235V	157-236V	0.5-1.05A	93%	0.97	6KV/10KV	170*100*40mm
200W	DL-200H-V286FX-MXK	165-200W	200-277V	157-286V	190-286V	0.5-1.05A	93.5%	0.97	6KV/10KV	170*100*40mm

FX: NFC programming + 12V auxiliary output

## MXK-FD NFC+DALI 2.0 EUROPEAN ROAD LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
22W	DL-22H-V32FD-MXK	10-22W	200-277V	8-32V	21-32V	0.5-1.05A	88%	0.97	6KV/10KV	133*77*40mm
40W	DL-40H-V58FD-MXK	20-40W	200-277V	19-58V	38-58V	0.5-1.05A	89%	0.97	6KV/10KV	133*77*40mm
60W	DL-60H-V80FD-MXK	40-60W	200-277V	38-80V	58-80V	0.5-1.05A	89%	0.97	6KV/10KV	133*77*40mm
80W	DL-80H-V115FD-MXK	40-80W	200-277V	38-115V	76-115V	0.5-1.05A	90%	0.97	6KV/10KV	133*77*40mm
110W	DL-110H-V158FD-MXK	80-110W	200-277V	76-158V	105-158V	0.5-1.05A	91%	0.97	6KV/10KV	133*77*40mm
165W	DL-165H-V235FD-MXK	110-165W	200-277V	104-235V	157-236V	0.5-1.05A	93%	0.97	6KV/10KV	170*100*40mm
200W	DL-200H-V286FD-MXK	165-200W	200-277V	157-286V	190-286V	0.5-1.05A	93.5%	0.97	6KV/10KV	170*100*40mm

FD: NFC programming + DALI 2.0 + 12V auxiliary output

## MXK-GX NFC+DALI 2.0&D4I EUROPEAN ROAD LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
22W	DL-22H-V32GX-MXK	10-22W	200-277V	8-32V	21-32V	0.5-1.05A	88%	0.97	6KV/10KV	133*77*40mm
40W	DL-40H-V58GX-MXK	20-40W	200-277V	19-58V	38-58V	0.5-1.05A	89%	0.97	6KV/10KV	133*77*40mm
60W	DL-60H-V80GX-MXK	40-60W	200-277V	38-80V	58-80V	0.5-1.05A	89%	0.97	6KV/10KV	133*77*40mm
80W	DL-80H-V115GX-MXK	40-80W	200-277V	38-115V	76-115V	0.5-1.05A	90%	0.97	6KV/10KV	133*77*40mm
110W	DL-110H-V158GX-MXK	80-110W	200-277V	76-158V	105-158V	0.5-1.05A	91%	0.97	6KV/10KV	133*77*40mm
165W	DL-165H-V235GX-MXK	110-165W	200-277V	104-235V	157-236V	0.5-1.05A	93%	0.97	6KV/10KV	170*100*40mm
200W	DL-200H-V286GX-MXK	165-200W	200-277V	157-286V	190-286V	0.5-1.05A	93.5%	0.97	6KV/10KV	170*100*40mm

GX: DALI 2.0 & D4I + NFC Programming + NTC + 24V Auxiliary Outputs

# MXL

ENGINEERING OUTDOOR LIGHTING LED DRIVER SERIES



# MXC

ENGINEERING OUTDOOR LIGHTING LED DRIVER SERIES



## PRODUCT FEATURES

- High power density, compact construction design
- Input voltage: 100-277Vac
- Output voltage: 25-56V, 36-56V constant power adjustable
- Provides low current high output voltage version 0.5-1.05A
- Lightning protection: differential mode 4KV, common mode 6KV( $\leq 60W$ )
- differential mode 6KV, common mode 15KV( $\geq 80W$ )
- IP67 rating

- Lifetime warning, soft start, light decay compensation
- SCP,OVP,OTP,OCP protection
- 5 years warranty

A: potentiometer current version  
P: Programmable dimming version

CB / CE / CCC / SAA / RoHS / FCC

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
12W	DL-12Z-56A/P-MXL	3-12W	100-277V	25-56V	30-56V	0.1-0.4A	86%	0.95	4KV/6KV	105*53*33mm
20W	DL-20Z-56A/P-MXL	10-20W	100-277V	25-56V	30-56V	0.18-0.67A	87%	0.95	4KV/6KV	105*53*33mm
30W	DL-30Z-56A/P-MXL	30W	100-277V	25-56V	30-56V	0.178-1A	88%	0.97	4KV/6KV	105*53*33mm
40W	DL-40Z-56A/P-MXL	40W	100-277V	25-56V	30-56V	0.35-1.34A	88%	0.97	4KV/6KV	105*63*33mm
50W	DL-50Z-56A/P-MXL	50W	100-277V	25-56V	30-56V	0.4-1.7A	89%	0.97	4KV/6KV	105*63*33mm
	DL-50Z-72A/P-MXL	50W	100-277V	36-72V	48-72V	0.5-1.05A	89%	0.97	4KV/6KV	105*63*33mm
60W	DL-60Z-56A/P-MXL	60W	100-277V	25-56V	30-56V	0.715-2A	89%	0.97	4KV/6KV	105*63*33mm
80W	DL-80Z-56A/P-MXL	80W	100-277V	25-56V	36-56V	1.07-2.23A	90%	0.95	6KV/15KV	120*63*33mm
	DL-80Z-115A/P-MXL	80W	100-277V	57-115V	76-115V	0.5-1.05A	90%	0.95	6KV/15KV	120*63*33mm
100W	DL-100Z-V56A/P-MXL	100W	100-277V	25-56V	36-56V	1.3-2.8A	90%	0.95	6KV/15KV	130*63*33mm
	DL-100Z-V72A/P-MXL	75-100W	100-277V	35-72V	48-72V	1.4-2.1A	90%	0.95	6KV/15KV	130*63*33mm
	DL-100Z-V143A/P-MXL	100W	100-277V	71-143V	95-143V	0.5-1.05A	90%	0.95	6KV/15KV	130*63*33mm
150W	DL-150Z-V56A/P-MXL	150W	100-277V	25-56V	36-56V	1.7-4.2A	92%	0.95	6KV/15KV	166*63*33mm
	DL-150Z-V107A/P-MXL	150W	100-277V	48-107V	71-107V	1.4-2.1A	92%	0.95	6KV/15KV	166*63*33mm
	DL-150Z-V214A/P-MXL	150W	100-277V	95-214V	143-214V	0.5-1.05A	92%	0.95	6KV/15KV	166*63*33mm
200W	DL-200Z-V56A/P-MXL	200W	100-277V	25-56V	36-56V	2.6-5.6A	93%	0.95	6KV/15KV	186*63*37mm
	DL-200Z-V143A/P-MXL	150-200W	100-277V	71-143V	95-143V	1.4-2.1A	93%	0.95	6KV/15KV	186*63*37mm
	DL-200Z-V286A/P-MXL	200W	100-277V	143-286V	190-286V	0.5-1.05A	93%	0.95	6KV/15KV	186*63*37mm
240W	DL-240Z-V56A/P-MXL	240W	100-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/15KV	186*63*37mm
	DL-240Z-V171A/P-MXL	240W	100-277V	90-171V	115-171V	1.4-2.1A	94%	0.95	6KV/15KV	186*63*37mm
	DL-240Z-V343A/P-MXL	240W	100-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/15KV	186*63*37mm
320W	DL-320Z-V56A/P-MXL	320W	100-277V	25-56V	42-56V	4.2-7.65A	94%	0.97	6KV/15KV	244*63*37mm
	DL-320Z-V229A/P-MXL	320W	100-277V	114-229V	153-229V	1.4-2.1A	94%	0.97	6KV/15KV	244*63*37mm
	DL-320Z-V428A/P-MXL	320W	100-277V	228-428V	304-428V	0.5-1.05A	94%	0.97	6KV/15KV	244*63*37mm

A: potentiometer current version P: Programmable dimming version

## PRODUCT FEATURES

- High power density, compact construction design
- Input voltage: 200-277Vac
- Output voltage: 25-56V, 36-56V constant power adjustable
- Provides low current high output voltage version 0.5-1.05A
- Lightning protection: differential mode 4KV, common mode 6KV( $\leq 60W$ ), differential mode 6KV, common mode 15KV( $\geq 100W$ )
- IP65 rating
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,OTP,OCP protection
- 5 years warranty

A: potentiometer current version  
P: Programmable dimming version

CB / CE / CCC / SAA / RoHS

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
40W	DL-40H-56A/P-MXC	40W	200-277V	25-56V	30-56V	0.35-1.34A	89%	0.95	4/6KV	105*53*27mm
50W	DL-50H-56A/P-MXC	50W	200-277V	25-56V	30-56V	0.4-1.7A	89%	0.95	6/15KV	105*63*30mm
	DL-50H-72A/P-MXC	50W	200-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6/15KV	105*63*30mm
60W	DL-60H-56A/P-MXC	60W	200-277V	25-56V	30-56V	0.715-2A	89%	0.95	6/15KV	105*63*30mm
80W	DL-80H-56A/P-MXC	80W	200-277V	25-56V	36-56V	0.85-2.1A	90%	0.95	4/6KV	105*63*30mm
	DL-80H-115A/P-MXC	80W	200-277V	57-115V	76-115V	0.5-1.05A	90%	0.95	6/15KV	105*63*30mm
100W	DL-100H-56A/P-MXC	100W	200-277V	25-56V	36-56V	1.3-2.5A	91%	0.95	6/15KV	105*63*30mm
	DL-100H-143A/P-MXC	100W	200-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6/15KV	105*63*30mm
150W	DL-150H-56A/P-MXC	150W	200-277V	25-56V	36-56V	1.7-4.2A	93%	0.95	6/15KV	164*53*31mm
	DL-150H-214A/P-MXC	150W	200-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6/15KV	164*53*31mm
200W	DL-200H-56A/P-MXC	200W	200-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.95	6/15KV	186*60*37mm
	DL-200H-286A/P-MXC	200W	200-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.95	6/15KV	186*60*37mm
240W	DL-240H-56A/P-MXC	240W	200-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6/15KV	186*60*37mm
	DL-240H-343A/P-MXC	240W	200-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6/15KV	186*60*37mm
320W	DL-320H-56A/P-MXC	320W	200-277V	25-56V	42-56V	4.2-7.65A	94%	0.95	6/15KV	230*67*38mm
	DL-320H-428A/P-MXC	320W	200-277V	228-428V	304-428V	0.7-1.05A	94%	0.95	6/15KV	230*67*38mm

A: potentiometer current version P: Programmable dimming version

# MDK

IP42 BUILT-IN OFFLINE UNIVERSAL PROGRAMMABLE LED DRIVER SERIES



# MTG

NORTH AMERICAN CLASS 2 LED DRIVER SERIES



## PRODUCT FEATURES

- Built-in mounting applications
- Input voltage: 120-277Vac
- Output voltage: 25-56V, 36-56V constant power adjustable
- Provide low current high output voltage version 0.5-1.05A
- Lightning protection: differential mode 6KV, common mode 10KV
- IP42 rating
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,UVP,OTP protection
- 5 years warranty

A: potentiometer current version  
 P: Programmable dimming version  
 X: 12V auxiliary source version

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

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30W-V56A/P/X-MDK	30W	120-277V	25-56V	30-56V	0.33-1A	88%	0.95	6KV/10KV	119*57*32mm
50W	DL-50W-V56A/P/X-MDK	50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.95	6KV/10KV	119*57*32mm
	DL-50W-V72A/P/X-MDK	50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6KV/10KV	119*57*32mm
75W	DL-75W-V56A/P/X-MDK	75W	120-277V	25-56V	30-56V	0.9-2.3A	90%	0.95	6KV/10KV	138*57*32mm
	DL-75W-V108A/P/X-MDK	75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	6KV/10KV	138*57*32mm
100W	DL-100W-V56A/P/X-MDK	100W	120-277V	25-56V	36-56V	1.3-2.8A	89.5%	0.95	6KV/10KV	153*57*32mm
	DL-100W-V143A/P/X-MDK	100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6KV/10KV	153*57*32mm
150W	DL-150W-V56A/P/X-MDK	150W	120-277V	25-56V	36-56V	1.8-4.2A	93%	0.95	6KV/10KV	186*63*32mm
	DL-150W-V214A/P/X-MDK	150W	120-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6KV/10KV	186*63*32mm
200W	DL-200W-V56A/P/X-MDK	200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.95	6KV/10KV	199*57*37mm
	DL-200W-V286A/P/X-MDK	200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.95	6KV/10KV	199*57*37mm
240W	DL-240W-V56A/P/X-MDK	240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/10KV	217*57*37mm
	DL-240W-V343A/P/X-MDK	240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/10KV	217*57*37mm

A: potentiometer current version P: Programmable dimming version X: 12V auxiliary source version

## PRODUCT FEATURES

- Conforms to North American class 2 specifications
- Input voltage: 120-277Vac
- Output voltage: 25-48V, 30-48V constant power adjustable
- Lightning protection: differential mode 6KV, common mode 10KV
- IP65 rating
- SCP,OVP,OTP,OC protection
- 5 years warranty

S: 3-in-1 dimming version  
 X: 12V auxiliary source version

CE / CCC / SAA / FC / CLASS P / UL

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30W-V48S/X-MTG	15-30W	120-277V	25-48V	30-48V	0.3-1A	85%	0.95	6KV/10KV	158*48*31.5mm
50W	DL-50W-V48S/X-MTG	30-50W	120-277V	25-48V	30-48V	0.6-1.67A	88.5%	0.95	6KV/10KV	158*48*31.5mm
75W	DL-75W-V48S/X-MTG	50-75W	120-277V	25-48V	30-48V	1.0-2.5A	89.5%	0.95	6KV/10KV	176*48*31.5mm
100W	DL-100W-V48S/X-MTG	75-100W	120-277V	25-48V	30-48V	1.5-3.4A	90%	0.95	6KV/10KV	206*48*31.5mm

S: 3-in-1 dimming version X: 12V auxiliary source version

# MAS

## PROGRAMMABLE OUTDOOR TUNNEL LIGHTING LED DRIVER SERIES



### PRODUCT FEATUERS

- High power density, compact construction design
- Input voltage: 200-277Vac
- Output voltage: 20-38V/32-58V, constant power voltage: 32-38V/42-58V
- Provides low current high output voltage version 0.5-1.05A
- Output current can be adjusted in various ways
- Class I construction
- IP67 rating
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,UVP,OTP,OCP protection
- 5 years warranty

### MAS PROGRAMMABLE OUTDOOR TUNNEL LIGHTING LED DRIVER SERIES

- Output power: 30-240W
- Lightning protection: 30-75W 4KV/6KV, 100W and above 6KV/15KV

A: potentiometer current version  
P: Programmable dimming version

CB / CE / CCC / SAA / RoHS

### MAS-I INDIA VERSION 440V INPUT OVP LED DRIVER SERIES

- Input protection: comply with Indian EESL specification, 440V input 48 hours without damage
- Output power: 30-240W
- Lightning protection: 30-75W 4KV/6KV, 100W and above 6KV/15KV

A: potentiometer current version  
P: Programmable dimming version

CB / CE / CCC / SAA / RoHS

### MAS PROGRAMMABLE OUTDOOR TUNNEL LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30H-V38A/P-MAS	30W	200-277V	20~38V	32-38V	0.3-1A	89%	0.95	4KV/6KV	104*51.5*30mm
	DL-30H-V58A/P-MAS	30W	200-277V	32~58V	42-58V	0.2-0.75A	89%	0.95	4KV/6KV	104*51.5*30mm
50W	DL-50H-V38A/P-MAS	50W	200-277V	20~38V	32-38V	0.7-1.6A	89%	0.95	4KV/6KV	114*51.5*30mm
	DL-50H-V58A/P-MAS	50W	200-277V	32~58V	42-58V	0.5-1.2A	89%	0.95	4KV/6KV	114*51.5*30mm
	DL-50H-V72A/P-MAS	50W	200-277V	36~72V	48-72V	0.5-1.05A	89%	0.95	4KV/6KV	124*51.5*30mm
75W	DL-75H-V38A/P-MAS	75W	200-277V	20~38V	32-38V	1.3-2.5A	89%	0.95	4KV/6KV	137*56.5*34mm
	DL-75H-V58A/P-MAS	75W	200-277V	32~58V	42-58V	0.9-1.8A	89%	0.95	4KV/6KV	137*56.5*34mm
	DL-75H-V108A/P-MAS	75W	200-277V	54-108V	72-108V	0.5-1.05A	89%	0.95	4KV/6KV	137*56.5*34mm
100W	DL-100H-V38A/P-MAS	100W	200-277V	20~38V	32-38V	1.9-3.5A	90%	0.95	6KV/15KV	151*56.5*34mm
	DL-100H-V58A/P-MAS	100W	200-277V	32~58V	42-58V	1.3-2.5A	90%	0.95	6KV/15KV	151*56.5*34mm
	DL-100H-V150A/P-MAS	100W	200-277V	71~150V	95-150V	0.5-1.05A	90%	0.95	6KV/15KV	151*56.5*34mm
150W	DL-150H-V38A/P-MAS	150W	200-277V	20-38V	32-38V	2.8-5A	91%	0.95	6KV/15KV	175*66.5*34mm
	DL-150H-V58A/P-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	91%	0.95	6KV/15KV	175*66.5*34mm
	DL-150H-V214A/P-MAS	150W	200-277V	95-214V	143-214V	0.5-1.05A	91%	0.95	6KV/15KV	175*66.5*34mm
200W	DL-200H-V38A/P-MAS	200W	200-277V	20-38V	32-38V	3.7-6.3A	91%	0.95	6KV/15KV	215*66.5*34mm
	DL-200H-V58A/P-MAS	200W	200-277V	32-58V	42-58V	2.4-4.8A	91%	0.95	6KV/15KV	215*66.5*34mm
	DL-200H-V286A/P-MAS	200W	200-277V	143-286V	190-286V	0.5-1.05A	91%	0.95	6KV/15KV	215*66.5*34mm
240W	DL-240H-V38A/P-MAS	240W	200-277V	20-38V	32-38V	5.2-7.5A	91%	0.95	6KV/15KV	225*71.5*34mm
	DL-240H-V58A/P-MAS	240W	200-277V	32-58V	42-58V	3.4-5.8A	91%	0.95	6KV/15KV	225*71.5*34mm
	DL-240H-V343A/P-MAS	240W	200-277V	171-343V	228-343V	0.5-1.05A	91%	0.95	6KV/15KV	225*71.5*34mm

A: potentiometer current version P: Programmable dimming version

### MAS-I INDIA VERSION 440V INPUT OVP LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30I-V38A/P-MAS	30W	200-277V	20~38V	32-38V	0.3-1A	89%	0.9	4KV/6KV	104*51.5*30mm
	DL-30I-V58A/P-MAS	30W	200-277V	32~58V	42-58V	0.2-0.75A	89%	0.9	4KV/6KV	104*51.5*30mm
50W	DL-50I-V38A/P-MAS	50W	200-277V	20~38V	32-38V	0.7-1.6A	89%	0.9	4KV/6KV	124*51.5*30mm
	DL-50I-V58A/P-MAS	50W	200-277V	32~58V	42-58V	0.5-1.2A	89%	0.9	4KV/6KV	124*51.5*30mm
	DL-50I-V72A/P-MAS	50W	200-277V	36~72V	48-72V	0.5-1.05A	89%	0.9	4KV/6KV	124*51.5*30mm
75W	DL-75I-V38A/P-MAS	75W	200-277V	20~38V	32-38V	1.3-2.5A	90%	0.9	4KV/6KV	137*56.5*34mm
	DL-75I-V58A/P-MAS	75W	200-277V	32~58V	42-58V	0.9-1.8A	90%	0.9	4KV/6KV	137*56.5*34mm
	DL-75I-V108A/P-MAS	75W	200-277V	54-108V	72-108V	0.5-1.05A	90%	0.9	4KV/6KV	137*56.5*34mm
100W	DL-100I-V38A/P-MAS	100W	200-277V	20~38V	32-38V	1.9-3.5A	91%	0.9	6KV/15KV	151*56.5*34mm
	DL-100I-V58A/P-MAS	100W	200-277V	32~58V	42-58V	1.3-2.5A	91%	0.9	6KV/15KV	151*56.5*34mm
	DL-100I-V150A/P-MAS	100W	200-277V	71~150V	95-150V	0.5-1.05A	91%	0.9	6KV/15KV	151*56.5*34mm
150W	DL-150I-V38A/P-MAS	150W	200-277V	20-38V	32-38V	2.8-5A	91%	0.9	6KV/15KV	175*66.5*34mm
	DL-150I-V58A/P-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	91%	0.9	6KV/15KV	175*66.5*34mm
	DL-150I-V214A/P-MAS	150W	200-277V	95-214V	143-214V	0.5-1.05A	91%	0.9	6KV/15KV	175*66.5*34mm
200W	DL-200I-V38A/P-MAS	200W	200-277V	20-38V	32-38V	3.7-6.3A	91%	0.9	6KV/15KV	215*66.5*34mm
	DL-200I-V58A/P-MAS	200W	200-277V	32-58V	42-58V	2.4-4.8A	91%	0.9	6KV/15KV	215*66.5*34mm
	DL-200I-V286A/P-MAS	200W	200-277V	143-286V	190-286V	0.5-1.05A	91%	0.9	6KV/15KV	215*66.5*34mm
240W	DL-240I-V38A/P-MAS	240W	200-277V	20-38V	32-38V	5.2-7.5A	91%	0.9	6KV/15KV	225*71.5*34mm
	DL-240I-V58A/P-MAS	240W	200-277V	32-58V	42-58V	3.4-5.8A	91%	0.9	6KV/15KV	225*71.5*34mm
	DL-240I-V343A/P-MAS	240W	200-277V	171-343V	228-343V	0.5-1.05A	91%	0.9	6KV/15KV	225*71.5*34mm

A: potentiometer current version P: Programmable dimming version

# MAS-R/Z/C

RS485/PLC/ TWO COLOUR TEMPERATURE INTEGRATED COMMUNICATION LED DRIVER SERIES



## PRODUCT FEATUERS

- High power density, compact construction design
- Input voltage: 200-277Vac
- Output voltage: 20-38V/32-58V, constant power voltage: 32-38V/42-58V  
Low current and high output voltage versions are available,
- constant power current range 0.7-1.05A.
- Output current can be adjusted in various ways
- Class I construction
- IP67 rating
- Life warning, soft start, light decay compensation
- SCP,OVP,UVP,OTP,OCP protection
- 5 years warranty



### MAS-Z PLC INTELLIGENT INTEGRATED COMMUNICATION PRODUCT SERIES

- Integrated PLC single light controller, realising intelligent control of lights
- Lightning protection: 30-100W 4KV/6KV, 150W and above 6KV/15KV

Z: PLC Power Carrier Version



### MAS-R RS485 INTELLIGENT INTEGRATED COMMUNICATION PRODUCT SERIES

- Integrated RS485 single light controller, realising intelligent control of lights
- Output mode: single output, dimming and colour mixing two outputs can be selected.
- Lightning protection: 30-100W 4KV/6KV, 150W and above 6KV/15KV

R: RS485 version

CR: RS485 + dual colour temperature version



### MAS-C DIMMING AND COLOUR MIXING OUTDOOR TUNNEL LIGHTING LED DRIVER SERIES

- Support tunnel lighting dimming and colour mixing two outputs
- Output power: 30-240W
- Lightning protection: 30-75W 4KV/6KV, 100W and above 6KV/15KV

C: Two colour temperature version



### MAS-C DIMMING AND COLOUR MIXING OUTDOOR TUNNEL LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30H-V38C-MAS	30W	200-277V	20-38V	32-38V	0.3-1A	87%	0.95	4KV/6KV	114*51.5*30mm
	DL-30H-V58C-MAS	30W	200-277V	32-58V	42-58V	0.2-0.75A	87%	0.95	4KV/6KV	114*51.5*30mm
50W	DL-50H-V38C-MAS	50W	200-277V	20-38V	32-38V	0.7-1.6A	87%	0.95	4KV/6KV	124*51.5*30mm
	DL-50H-V58C-MAS	50W	200-277V	32-58V	42-58V	0.5-1.2A	88%	0.95	4KV/6KV	124*51.5*30mm
75W	DL-75H-V38C-MAS	75W	200-277V	20-38V	32-38V	1.3-2.5A	89%	0.95	4KV/6KV	147*56.5*34mm
	DL-75H-V58C-MAS	75W	200-277V	32-58V	42-58V	0.9-1.8A	89%	0.95	4KV/6KV	147*56.5*34mm
100W	DL-100H-V38C-MAS	100W	200-277V	20-38V	32-38V	1.9-3.5A	90%	0.95	6KV/15KV	161*56.5*34mm
	DL-100H-V58C-MAS	100W	200-277V	32-58V	42-58V	1.3-2.5A	90%	0.95	6KV/15KV	161*56.5*34mm
150W	DL-150H-V38C-MAS	150W	200-277V	20-38V	32-38V	2.8-5A	90%	0.95	6KV/15KV	185*66.5*34mm
	DL-150H-V58C-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	90%	0.95	6KV/15KV	185*66.5*34mm
200W	DL-200H-V58C-MAS	200W	200-277V	32-58V	42-58V	2.6-4.8A	90%	0.95	6KV/15KV	225*66.5*34mm
240W	DL-240H-V58C-MAS	240W	200-277V	32-58V	42-58V	3.5-5.7A	90%	0.95	6KV/15KV	235*66.5*34mm

C: Two colour temperature version

### MAS-Z PLC INTELLIGENT INTEGRATED COMMUNICATION PRODUCT SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30H-58Z-MAS	30W	200-277V	32-58V	42-58V	0.2-0.75A	88%	0.95	4KV/6KV	125*53*33mm
50W	DL-50H-58Z-MAS	50W	200-277V	32-58V	42-58V	0.5-1.2A	88%	0.95	4KV/6KV	125*53*33mm
75W	DL-75H-58Z-MAS	75W	200-277V	32-58V	42-58V	0.9-1.8A	90%	0.95	4KV/6KV	168*63*33mm
100W	DL-100H-58Z-MAS	100W	200-277V	32-58V	42-58V	1.3-2.5A	90%	0.95	4KV/6KV	168*63*33mm
150W	DL-150H-58Z-MAS	150W	200-277V	32-58V	32-38V	1.8-3.6A	90%	0.95	6KV/15KV	215*63*33mm
200W	DL-200H-58Z-MAS	200W	200-277V	32-58V	42-58V	2.6-4.8A	91%	0.95	6KV/15KV	260*68*33mm
240W	DL-240H-58Z-MAS	240W	200-277V	32-58V	42-58V	3.5-5.7A	91%	0.95	6KV/15KV	260*68*33mm

Z: PLC Power Carrier Version

### MAS-R RS485 INTELLIGENT INTEGRATED COMMUNICATION PRODUCT SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30H-58R-MAS	30W	200-277V	32-58V	42-58V	0.2-0.75A	88%	0.95	4KV/6KV	125*53*33mm
	DL-30H-58CR-MAS	30W	200-277V	32-58V	42-58V	0.2-0.75A	88%	0.95	4KV/6KV	125*53*33mm
50W	DL-50H-58R-MAS	50W	200-277V	32-58V	42-58V	0.5-1.2A	88%	0.95	4KV/6KV	125*53*33mm
	DL-50H-58CR-MAS	50W	200-277V	32-58V	42-58V	0.5-1.2A	88%	0.95	4KV/6KV	125*53*33mm
75W	DL-75H-58R-MAS	75W	200-277V	32-58V	42-58V	0.9-1.8A	90%	0.95	4KV/6KV	168*63*33mm
	DL-75H-58CR-MAS	75W	200-277V	32-58V	42-58V	0.9-1.8A	90%	0.95	4KV/6KV	168*63*33mm
100W	DL-100H-58R-MAS	100W	200-277V	32-58V	42-58V	1.3-2.5A	90%	0.95	4KV/6KV	168*63*33mm
	DL-100H-58CR-MAS	100W	200-277V	32-58V	42-58V	1.3-2.5A	90%	0.95	4KV/6KV	168*63*33mm
150W	DL-150H-58R-MAS	150W	200-277V	32-58V	32-38V	1.8-3.6A	90%	0.95	6KV/15KV	215*63*33mm
	DL-150H-58CR-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	90%	0.95	6KV/15KV	215*63*33mm
200W	DL-200H-58R-MAS	200W	200-277V	32-58V	42-58V	2.6-4.8A	91%	0.95	6KV/15KV	260*68*33mm
	DL-200H-58CR-MAS	200W	200-277V	32-58V	42-58V	2.6-4.8A	91%	0.95	6KV/15KV	260*68*33mm
240W	DL-240H-58R-MAS	240W	200-277V	32-58V	42-58V	3.5-5.7A	91%	0.95	6KV/15KV	260*68*33mm
	DL-240H-58CR-MAS	240W	200-277V	32-58V	42-58V	3.5-5.7A	91%	0.95	6KV/15KV	260*68*33mm

R: RS485 version CR: RS485 + dual colour temperature version

# MAP

ENGINEERING OUTDOOR LIGHTING  
LED DRIVER SERIES



## PRODUCT FEATURES

- Input voltage: 200-277Vac, 180Vac with derating protection
- Output voltage: 20-38V/32-58V mainstream output voltage selectable, 32-38V/42-58V output voltage range power constant adjustable
- Lightning protection : 75W and below 4KV/6KV, 105W and above 6KV/15KV
- IP67 rating
- SCP, OVP, UVP, OTP protection
- 5 years warranty

A: Potentiometer current adjustment version  
S: Three-in-one dimming version



Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
50W	DL-50W-V38A/S-MAP	50W	100-277V	20-38V	32-38V	0.7-1.6A	87.5%	0.95	4KV/6KV	126*41*29mm
	DL-50W-V58A/S-MAP	50W	100-277V	32-58V	42-58V	0.5-1.2A	88%	0.95	4KV/6KV	126*41*29mm
75W	DL-75W-V38A/S-MAP	75W	100-277V	20-38V	32-38V	1.3-2.5A	88%	0.95	4KV/6KV	143*49*31mm
	DL-75W-V58A/S-MAP	75W	100-277V	32-58V	42-58V	0.9-1.8A	88%	0.95	4KV/6KV	143*49*31mm
105W	DL-105W-V38A/S-MAP	105W	100-277V	20-38V	32-38V	1.9-3.5A	90.5%	0.95	6KV/15KV	164*53*32.5mm
	DL-105W-V58A/S-MAP	105W	100-277V	32-58V	42-58V	1.3-2.5A	91.6%	0.95	6KV/15KV	164*53*32.5mm
150W	DL-150W-V38A/S-MAP	150W	100-277V	20-38V	32-38V	2.8-5A	90.5%	0.95	6KV/15KV	186*60*38mm
	DL-150W-V58A/S-MAP	150W	100-277V	32-58V	42-58V	1.8-3.6A	91.5%	0.95	6KV/15KV	186*60*38mm
200W	DL-200W-V38A/S-MAP	200W	100-277V	20-38V	32-38V	3.7-6.7A	90%	0.95	6KV/15KV	230*67*38mm
	DL-200W-V58A/S-MAP	200W	100-277V	32-58V	42-58V	2.4-4.8A	91%	0.95	6KV/15KV	230*67*38mm

A: Potentiometer current adjustment version S: Three-in-one dimming version

# MAL

0/1-10V POSITIVE AND NEGATIVE LOGIC DIMMING  
OUTDOOR TUNNEL LIGHTING LED DRIVER SERIES



## PRODUCT FEATURES

- Compact construction design
- Input voltage: 100-277Vac or 200-277Vac
- Output voltage: 32-58V output voltage, 42-58V output voltage range of power constant adjustable
- Dimming logic: 0/1-10V, 0-5V dimming positive and negative logic optional
- Lightning protection : 75W and below 4KV/6KV, 105W and above 6KV/15KV
- IP65 rating
- SCP, OVP, UVP, OTP protection
- 5 years warranty

A: Potentiometer current adjustment version  
S: Three-in-one dimming version



Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
12W	DL-12Z-58A/S-MAL	6-12W	100-277V	32~58V	42-58V	0.1-0.29A	86%	0.95	4/6KV	100*41*27mm
20W	DL-20Z-58A/S-MAL	6-12W	100-277V	32~58V	42-58V	0.17-0.48A	88%	0.95	4/6KV	100*41*27mm
30W	DL-30Z-58A/S-MAL	30W	100-277V	32~58V	42-58V	0.35-0.715A	89%	0.95	4/6KV	100*41*27mm
40W	DL-40Z-58A/S-MAL	40W	100-277V	32~58V	42-58V	0.52-0.96A	89%	0.95	4/6KV	126*41*29mm
50W	DL-50Z-58A/S-MAL	50W	100-277V	32~58V	42-58V	0.52-1.2A	89%	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%	0.95	4/6KV	126*41*29mm
75W	DL-75Z-58A/S-MAL	50-75W	100-277V	32~58V	42-58V	0.86-1.8A	89%	0.95	4/6KV	143*49*32.5mm

## 200-277V INPUT

40W	DL-40H-58A/S-MAL	40W	200-277V	32~58V	42-58V	0.52-0.96A	89%	0.95	4/6KV	100*41*27mm
50W	DL-50H-58A/S-MAL	50W	200-277V	32~58V	42-58V	0.52-1.2A	89%	0.95	4/6KV	126*41*29mm
60W	DL-60H-58A/S-MAL	60W	200-277V	32~58V	42-58V	0.86-1.43A	89%	0.95	4/6KV	126*41*29mm
75W	DL-75H-58A/S-MAL	75W	200-277V	32~58V	42-58V	0.86-1.8A	89%	0.95	4/6KV	126*41*29mm
100W	DL-100H-58A/S-MAL	100W	200-277V	32~58V	42-58V	1.3-2.4A	91%	0.95	6/15KV	143*49*32.5mm
150W	DL-150H-58A/S-MAL	150W	200-277V	32~58V	42-58V	1.73-3.6A	91%	0.95	6/15KV	176*57*32mm
200W	DL-200H-58A/S-MAL	200W	200-277V	32~58V	42-58V	2.59-4.8A	92%	0.95	6/15KV	186*60*38mm
240W	DL-240H-58A/S-MAL	240W	200-277V	32~58V	42-58V	3.45-5.72A	92%	0.95	6/15KV	186*60*38mm

A: Potentiometer current adjustment version S: Three-in-one dimming version

# SBS

UNIVERSAL INDUSTRIAL EXPLOSION-PROOF LED DRIVER SERIES



## INDUSTRIAL LIGHTING LED DRIVER APPLICATION SCENARIO

### PRODUCT FEATURES

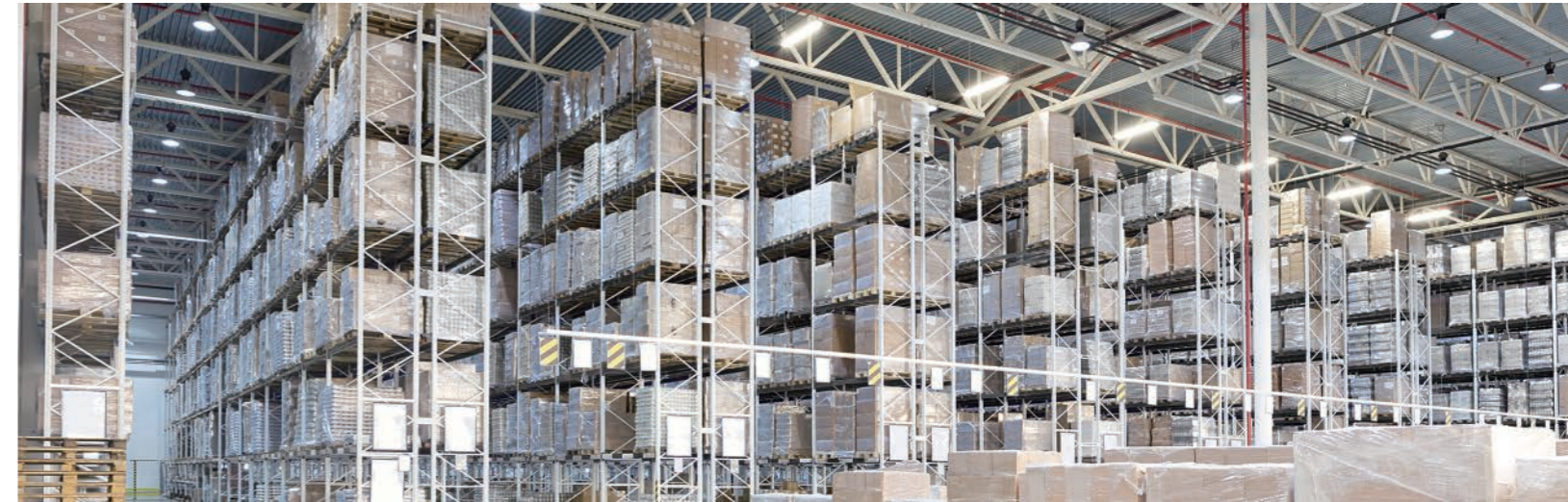
- Complies with EX II 2G EX mb IIC GB (ATEX explosion-proof certification)
- Input voltage: 100-277Vac
- Output voltage: 20-38V/32-58V mainstream output voltage selectable, 32-38V/42-58V output voltage range power constant adjustable
- Lightning protection: differential mode 4KV, common mode 6KV
- IP65 rating
- SCP,OVP,UVP,OTP protection
- 5 years warranty

A: potentiometer current adjustment version

CE / CCC / EX II 2G EX mb IIC GB

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
40W	DL-40Z-V38A-SBS	40W	100-277V	20-38V	32~38	0.7~1.6A	89%	0.95	4KV/6KV	D*H 75*32mm
	DL-40Z-V58A-SBS	40W	100-277V	32-58V	42~58	0.35-0.95A	89%	0.95	4KV/6KV	D*H 75*32mm
60W	DL-60Z-V38A-SBS	60W	100-277V	20-38V	32~38	1.3~2.5A	89.5%	0.95	4KV/6KV	D*H 90*32mm
	DL-60Z-V58A-SBS	60W	100-277V	32-58V	42~58	0.7~1.45A	89.5%	0.95	4KV/6KV	D*H 90*32mm
80W	DL-80Z-V38A-SBS	80W	100-277V	20-38V	32~38	1.9~3.5A	90%	0.95	4KV/6KV	D*H 90*33mm
	DL-80Z-V58A-SBS	80W	100-277V	32-58V	42~58	1.05~1.9A	90%	0.95	4KV/6KV	D*H 90*33mm
100W	DL-100Z-V38A-SBS	100W	100-277V	20-38V	32~38	2.1~3.15A	90%	0.95	4KV/6KV	D*H 110*38mm
	DL-100Z-V58A-SBS	100W	100-277V	32-58V	42~58	1.4~2.4A	90%	0.95	4KV/6KV	D*H 110*38mm

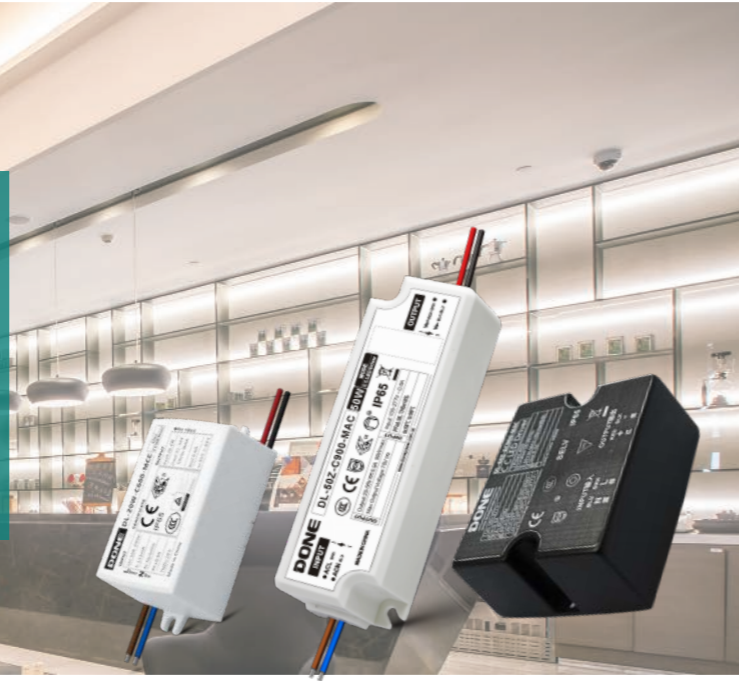
A: potentiometer current adjustment version





# MAC

## BUILT-IN PLASTIC CASE WATERPROOF LED DRIVER SERIES



## PRODUCT FEATURES

- CLASS II built-in applications
- Plastic case
- Output mode: constant current output (non-adjustable)
- IP20 rating
- SCP,OVP,UVP,OTP, protection
- 5 years warranty



## MAC-A SQUARE BUILT-IN PLASTIC CASE WATERPROOF LED DRIVER SERIES

- Square plastic case
- Input voltage: 100-277Vac
- Output power: 30W,40W,50W,60W,70W
- Lightning Surge: differential mode 4KV

CB / CE / CCC / SAA / ENEC

## MAC STRIP BUILT-IN PLASTIC CASE WATERPROOF LED DRIVER SERIES

- Strip plastic case
- Input Voltage: 100-277Vac
- Output power: 30W,50W
- Lightning Surge: differential mode 4KV

CB / CE / CCC / SAA / ENEC

## MCC MINI BUILT-IN PLASTIC CASE WATERPROOF LED DRIVER SERIES

- MINI plastic case
- Input voltage: 100-240Vac
- Output power: 3W,7W,12W,20W
- Lightning surge: differential mode 2KV

CE / CCC / SAA / ENEC

## MAC STRIP BUILT-IN PLASTIC CASE WATERPROOF LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30Z-C600-MAC	30W	100-277V	25-50V	600mA	88%	0.95	6KV	108*35*26 mm
	DL-30Z-C750-MAC	30W	100-277V	20-42V	750mA	88%	0.95	6KV	108*35*26 mm
	DL-30Z-C900-MAC	30W	100-277V	20-36V	900mA	88%	0.95	6KV	108*35*26 mm
50W	DL-50Z-C900-MAC	50W	100-277V	25-56V	900mA	90%	0.95	6KV	108*35*26 mm
	DL-50Z-C1050-MAC	50W	100-277V	25-50V	1050mA	90%	0.95	6KV	108*35*26 mm
	DL-50Z-C1200-MAC	50W	100-277V	20-38V	1200mA	90%	0.95	6KV	108*35*26 mm
	DL-50Z-C1350-MAC	50W	100-277V	20-38V	1350mA	90%	0.95	6KV	108*35*26 mm
	DL-50Z-C1500-MAC	50W	100-277V	20-36V	1500mA	90%	0.95	6KV	108*35*26 mm

## MAC-A SQUARE BUILT-IN PLASTIC CASE WATERPROOF LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30Z-AC600-MAC	15-30W	100-277V	25-50V	0.6A	87.5%	0.9	4KV	75*64*32mm
	DL-30Z-AC750-MAC	15-31W	100-277V	20-42V	0.75A	87.5%	0.9	4KV	75*64*32mm
	DL-30Z-AC900-MAC	18-32W	100-277V	20-36V	0.9A	87.5%	0.9	4KV	75*64*32mm
40W	DL-40Z-AC900-MAC	22-40W	100-277V	25-45V	0.9A	88%	0.9	4KV	75*64*32mm
	DL-40Z-AC1050-MAC	21-40W	100-277V	20-38V	1.05A	88%	0.9	4KV	75*64*32mm
	DL-40Z-AC1200-MAC	24-40W	100-277V	20-34V	1.2A	88%	0.9	4KV	75*64*32mm
50W	DL-50Z-AC900-MAC	22-50W	100-277V	25-56V	0.9A	88.5%	0.9	4KV	75*64*32mm
	DL-50Z-AC1050-MAC	26-52W	100-277V	25-50V	1.05A	88.5%	0.9	4KV	75*64*32mm
	DL-50Z-AC1200-MAC	24-50W	100-277V	20-42V	1.2A	88.5%	0.9	4KV	75*64*32mm
	DL-50Z-AC1350-MAC	27-51W	100-277V	20-38V	1.35A	88.5%	0.9	4KV	75*64*32mm
	DL-50Z-AC1500-MAC	30-51W	100-277V	20-34V	1.5A	88.5%	0.9	4KV	75*64*32mm
60W	DL-60Z-AC1350-MAC	34-60W	100-277V	25-45V	1.35A	89%	0.9	4KV	83*70*32mm
	DL-60Z-AC1500-MAC	30-60W	100-277V	20-40V	1.5A	89%	0.9	4KV	83*70*32mm
	DL-60Z-AC1800-MAC	36-60W	100-277V	20-34V	1.8A	88%	0.9	4KV	83*70*32mm
70W	DL-70Z-AC1500-MAC	37-70W	100-277V	25-47V	1.5A	90%	0.9	4KV	83*70*32mm
	DL-70Z-AC1800-MAC	36-72W	100-277V	20-40V	1.8A	90%	0.9	4KV	83*70*32mm
	DL-70Z-AC2100-MAC	42-71W	100-277V	20-34V	2.1A	90%	0.9	4KV	83*70*32mm

## MCC MINI BUILT-IN PLASTIC CASE WATERPROOF LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
3W	DL-3W-C150-MCC	1.65W	100-240V	5-11V	150mA	75%	0.9	2KV	52*30*22mm
	DL-3W-C300-MCC	3.3W	100-240V	5-11V	300mA	75%	0.9	2KV	52*30*22mm
	DL-3W-C700-MCC	4.2W	100-240V	2-6V	700mA	75%	0.9	2KV	52*30*22mm
7W	DL-7W-C150-MCC	3.6W	100-240V	11-24V	150mA	80%	0.9	2KV	52*30*22mm
	DL-7W-C300-MCC	7.2W	100-240V	11-24V	300mA	80%	0.9	2KV	52*30*22mm
	DL-7W-C700-MCC	7W	100-240V	5-10V	700mA	80%	0.9	2KV	52*30*22mm
12W	DL-12W-C210-MCC	8.82W	100-240V	21-42V	210mA	83%	0.95	2KV	70*36*23mm
	DL-12W-C350-MCC	14.7W	100-240V	21-42V	350mA	83%	0.95	2KV	70*36*23mm
	DL-12W-C700-MCC	14W	100-240V	11-20V	700mA	83%	0.95	2KV	70*36*23mm
20W	DL-20W-C300-MCC	20.4W	100-240V	36-68V	300mA	85%	0.95	2KV	70*36*23mm
	DL-20W-C400-MCC	16.8W	100-240V	21-42V	400mA	85%	0.95	2KV	70*36*23mm
	DL-20W-C600-MCC	20.4W	100-240V	21-34V	700mA	85%	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.

7W	DL-7W-C150-MCC	3.6W	100-240V	11-24V	150mA	80%	0.9	2KV	52*30*22mm
	DL-7W-C300-MCC	7.2W	100-240V	11-24V	300mA	80%	0.9	2KV	52*30*22mm
	DL-7W-C700-MCC	7W	100-240V	5-10V	700mA	80%	0.9	2KV	52*30*22mm

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

12W	DL-12W-C210-MCC	8.82W	100-240V	21-42V	210mA	83%	0.95	2KV	70*36*23mm
	DL-12W-C350-MCC	14.7W	100-240V	21-42V	350mA	83%	0.95	2KV	70*36*23mm
	DL-12W-C700-MCC	14W	100-240V	11-20V	700mA	83%	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	300mA	85%	0.95	2KV	70*36*23mm
	DL-20W-C400-MCC	16.8W	100-240V	21-42V	400mA	85%	0.95	2KV	70*36*23mm
	DL-20W-C600-MCC	20.4W	100-240V	21-34V	700mA	85%	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.

# PXS

## NON-ISOLATED DALI DIMMING OUTDOOR WATERPROOF LED DRIVER



## PRODUCT FEATURES

- Non-isolated technical solutions
- Output voltage: 180-260V, constant adjustable power within 200-260V
- DC 12V auxiliary output as standard
- Efficiency up to 97.5%
- Class I structure
- Lightning protection: differential mode 6KV, common mode 15KV
- IP67 rating
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,OTP protectio
- 5 years warranty

## PXS/PLS 200-480/120-277V PLANT/SPORTS LIGHTING LED DRIVER SERIES

- Stadium, plant lighting, marine lighting applications
- Input voltage: 100-277Vac、200-480Vac optional
- Output power: 400-1200W
- Communication interface: RJ11/12 network interface optional

J: Rj11/12 network port version

X: 12V auxiliary source version

CB / FC / CCC / SAA / CE / RoHS / ENEC / EAC

## PXS NON-ISOLATED PLANT/SPORTS/OUTDOOR ROAD LIGHTING LED DRIVER SERIES

- General Lighting Applications
- Input voltage: 100-277Vac、200-480Vac optional
- Output power: 40-320W

DX: DLAI2 + 12V auxiliary output version

X: 12V auxiliary source version

CB / FC / CCC / SAA / CE / RoHS / DALI

## PXS NON-ISOLATED PLANT/SPORTS/OUTDOOR ROAD LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
40W	DL-40Z-260X-PXS	40W	100-277V	180-260V	200-260V	0.08-0.2A	93%	0.97	6/15KV	105*63*33mm
60W	DL-60Z-260X-PXS	60W	100-277V	180-260V	200-260V	0.12-0.3A	93%	0.97	6/15KV	105*63*33mm
80W	DL-80Z-260X-PXS	60W	100-277V	180-260V	200-260V	0.23-0.4A	93.5%	0.97	6/15KV	105*63*33mm
100W	DL-100Z-260X/DX-PXS	100W	100-277V	180-260V	200-260V	0.28-0.5A	94.5%	0.97	6/15KV	105*63*33mm
	DL-100V-260X-PXS	100W	200-480V	180-260V	200-260V	0.28-0.5A	94.5%	0.97	6/15KV	105*63*33mm
150W	DL-150Z-260X/DX-PXS	150W	100-277V	180-260V	200-260V	0.38-0.75A	94.5%	0.97	6/15KV	140*63*33mm
	DL-150V-260X-PXS	150W	200-480V	180-260V	200-260V	0.38-0.75A	94.5%	0.97	6/15KV	140*63*33mm
200W	DL-200Z-260X/DX-PXS	200W	100-277V	180-260V	200-260V	0.57-1A	94.5%	0.97	6/15KV	165*63*33mm
	DL-200V-260X-PXS	200W	200-480V	180-260V	200-260V	0.57-1A	94.5%	0.97	6/15KV	165*63*33mm
240W	DL-240Z-260X/DX-PXS	240W	100-277V	180-260V	200-260V	0.75-1.25A	95.5%	0.97	6/15KV	165*63*33mm
	DL-240V-260X-PXS	240W	200-480V	180-260V	200-260V	0.75-1.25A	95.5%	0.97	6/15KV	165*63*33mm
320W	DL-320Z-260X-PXS	320W	100-277V	180-260V	200-260V	0.92-1.6A	95.5%	0.97	6/15KV	185*63*33mm
	DL-320V-260X-PXS	320W	200-480V	180-260V	200-260V	0.92-1.6A	95.5%	0.97	6/15KV	185*63*33mm

DX: DLAI2 + 12V auxiliary output version X: 12V auxiliary source version

## PXS 200-480V PLANT/SPORTS LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
400W	DL-400V-260X-PXS	320-400W	200-480V	180-260V	200-260V	1.15-2.0A	96%	0.97	6/15KV	234*63*37mm
500W	DL-500V-260X/J-PXS	400-500W	200-480V	180-260V	200-260V	1.5-2.5A	96%	0.97	6/15KV	236*83*40/236*90*44.5mm
680W	DL-680V-260X/J-PXS	500-680W	200-480V	180-260V	200-260V	1.9-3.4A	96.5%	0.97	6/15KV	266*95*44mm
800W	DL-800V-260X/J-PXS	680-800W	200-480V	180-260V	200-260V	2.6-4.0A	97%	0.97	6/15KV	266*95*44mm
960W	DL-960V-400X/J-PXS	800-960W	200-480V	180-400V	200-400V	1.95-4.8A	97%	0.97	6/15KV	316*90*44.5mm
1200W	DL-1200V-400X/J-PXS	960-1200W	200-480V	180-400V	200-400V	2.4-6A	97.5%	0.97	6/15KV	336/346*90*48mm

J: Rj11/12 network port version X: 12V auxiliary source version

## PLS NON-ISOLATED PLANT/SPORTS LIGHTING POWER SUPPLY SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
400W	DL-400W-V260X-PLS	400W	120-277V	180-260V	200-260V	1.2-2A	96%	0.97	6KV/15KV	234*63*37mm
500W	DL-500W-V260X/J-PLS	500W	120-277V	180-260V	200-260V	1.2-2.5A	97%	0.97	6KV/15KV	234*83*40/234*90*44.5mm
680W	DL-680W-V260X/J-PLS	680W	120-277V	180-260V	200-260V	1.9-3.4A	97%	0.97	6KV/15KV	246*95*45/266*90*44.5mm
800W	DL-800W-V260X/J-PLS	800W	120-277V	180-260V	200-260V	2.5-4.0A	97%	0.97	6KV/15KV	266*95*45/266*90*44.5mm
960W	DL-960W-V260X/J-PLS	960W	120-277V	180-260V	200-260V	3.0-4.8A	97%	0.97	6KV/15KV	316*95*45/316*90*44.5mm
1200W	DL-1200W-V300X/J-PLS	1200W	120-277V	180-260V	200-260V	3.7-6A	97.5%	0.97	6KV/15KV	316*90*48/326*90*48mm

J: Rj11/12 network port version X: 12V auxiliary source version



# PXS-A

200-480V NON-ISOLATED SPORTS STADIUM  
INTEGRATED LED DRIVER SERIES



## PRODUCT FEATURES

- Non-isolated technical solutions
- Output voltage: 180-260V, constant adjustable power within 200-260V  
300-500V, constant adjustable power within 400-500V
- DC 12V auxiliary output as standard
- Efficiency up to 97.5%
- Class I structure
- Lightning protection: differential mode 6KV, common mode 15KV
- IP66/IP67 rating
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,OTP protectio
- 5 years warranty

X: Programming auxiliary output + NFC version  
Based on the market demand and product terminal application, launch the minimalist function of stadium LED Driver series to meet the needs of differentiated applications in stadiums, which greatly enhances the competitiveness of customer's products

GEM: Three Output + DALI2 & D4I + NTC + DMX512 & RDM + NFC  
Full-featured version to meet stadiums and high-end market needs, support multiple outputs, compatible with DALI2 & D4I communication control system and NFC programming, support NTC external temperature protection, and DMX512 & RDM stage lighting control system to achieve large-scale live broadcasting requirements.

CB / FC / CCC / SAA / ENEC / CE

### X: PROGRAMMING AUXILIARY OUTPUT + NFC VERSION

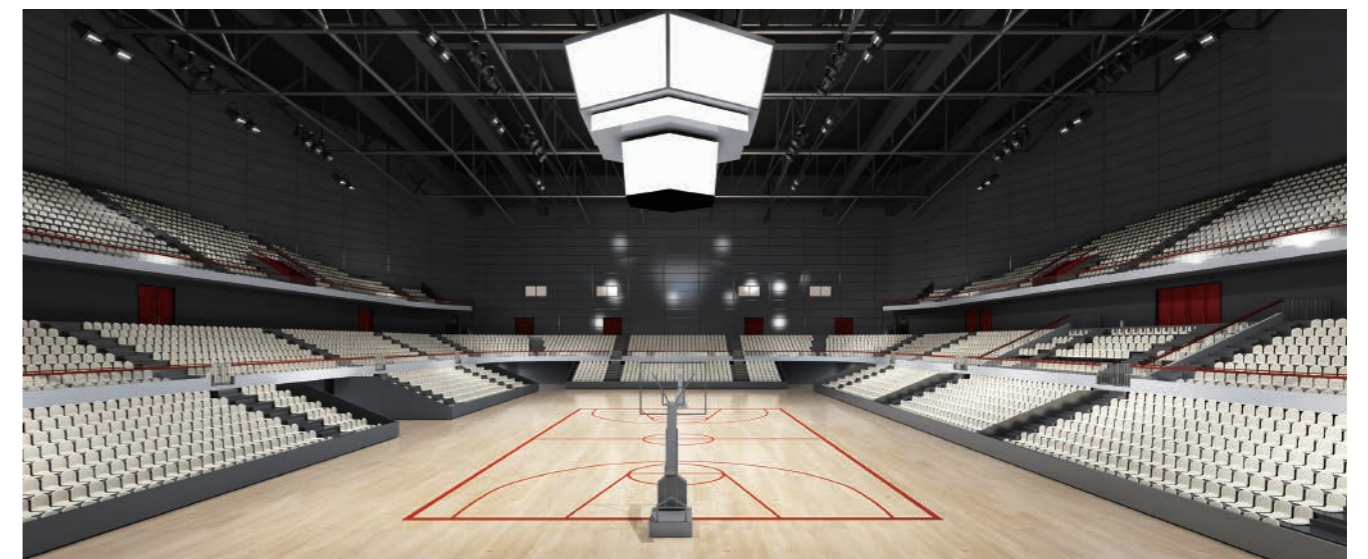
Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
600W	DL-600V-A500X-PXS	400-600W	200-480V	300-500V	400-500V	0.8-1.5A	96%	0.99	10KV/10KV	334*150*59mm
800W	DL-800V-A500X-PXS	600-800W	200-480V	300-500V	400-500V	1.2-2.0A	96%	0.99	10KV/10KV	334*150*59mm
1000W	DL-1000V-A500X-PXS	800-100W	200-480V	300-500V	400-500V	1.6-3.35A	96%	0.99	10KV/10KV	400*150*79mm
1200W	DL-1200V-A500X-PXS	1000-1200W	200-480V	300-500V	400-500V	2.0-3.0A	96%	0.99	10KV/10KV	400*150*79mm
1500W	DL-1500V-A500X-PXS	1200-1500W	200-480V	300-500V	400-500V	2.4-3.75A	97%	0.99	10KV/10KV	500*150*79mm
1800W	DL-1800V-A500X-PXS	1500-1800W	200-480V	300-500V	400-500V	3.0-4.5A	97%	0.99	10KV/10KV	500*150*79mm

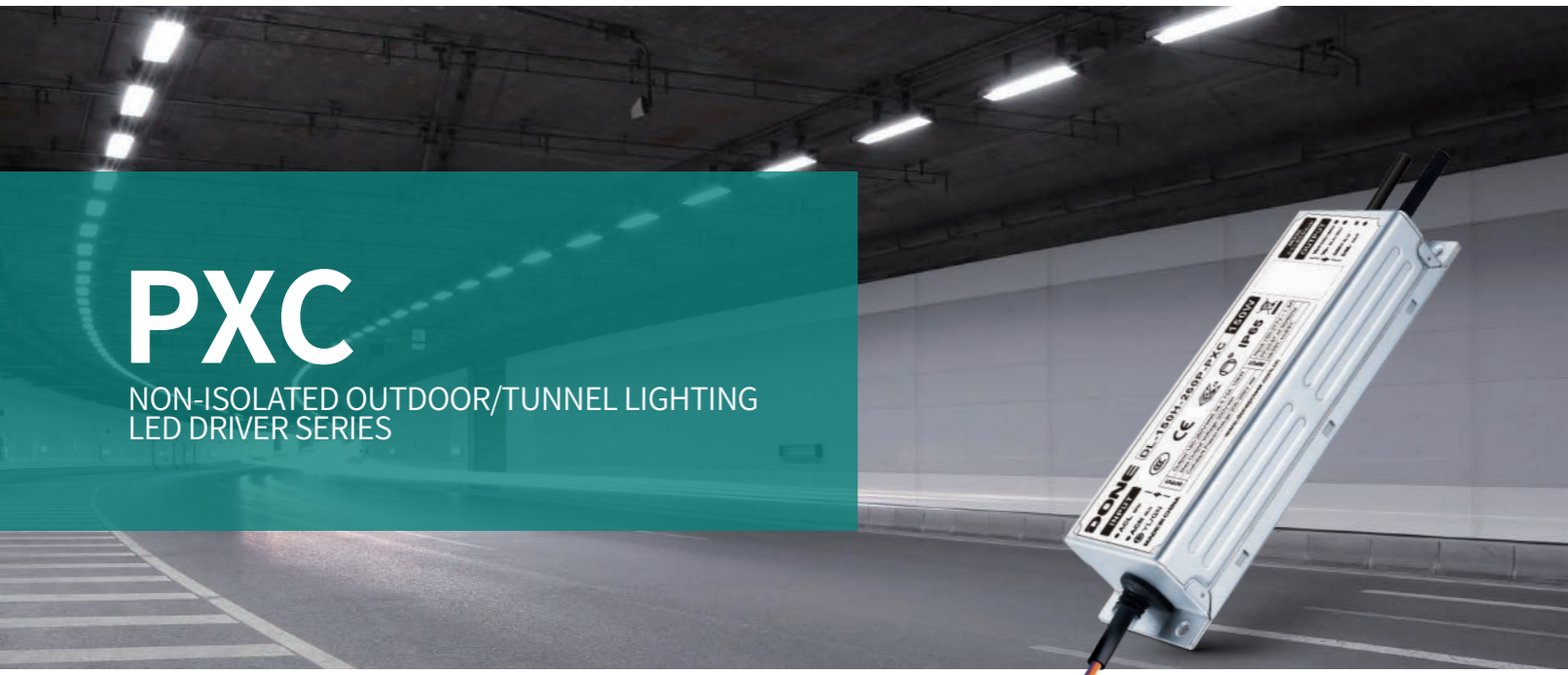
X: Programming auxiliary output + NFC version

### GEM: THREE OUTPUT + DALI2 & D4I + NTC + DMX512 & RDM + NFC

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
1500W	DL-1500V-A500GME-PXS	1200-1500W	200-480V	300-500V	400-500V	1.0-1.25A*3	97%	0.99	10KV/10KV	500*150*79mm
1800W	DL-1800V-A500GME-PXS	1500-1800W	200-480V	300-500V	400-500V	1.0-1.5A*3	97%	0.99	10KV/10KV	500*150*79mm

GEM: Three Output + DALI2 & D4I + NTC + DMX512 & RDM + NFC





# PXC

## NON-ISOLATED OUTDOOR/TUNNEL LIGHTING LED DRIVER SERIES

### PRODUCT FEATURES

- Non-isolated technology solutions
- High voltage output
- Efficiency up to 97%
- Class I, II structure
- Lightning protection: differential mode 6KV, common mode 10KV
- IP65 rating
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,OTP protection
- 5 years warranty

### PXC-DV 200-480VDC NON-ISOLATED DC POWER SOLUTION LED DRIVER SERIES

- DV Rated Input Voltage: 240-400V
- Output Voltage: 130-200V, Constant Power Voltage: 140-200V
- Efficiency up to 97%
- Lightning surge: 6/10KV IP67rating
- Small size, high efficiency, easy maintenance, energy saving, low cost
- SCP,OVP,UVP,OTP, protection
- 5 years warranty

P: Programmable dimming version



### PXC AC INPUT NON-ISOLATED OUTDOOR/TUNNEL LIGHTING LED DRIVER SERIES

- Input voltage: 200-277Vac
- Output voltage: 180-260V, constant and adjustable power in the range of 200-260V

A: Potentiometer current adjustment version

P: Programmable dimming version

CB / CE / CCC / SAA / 

### PXC-DU 600-900VDC NON-ISOLATED DC POWER SOLUTION LED DRIVER SERIES

- DU Rated Input Voltage: 675-825V
- Output Voltage: 130-200V, Constant Power Voltage: 140-200V
- Efficiency up to 97%
- Lightning surge: 6/10KV IP67 rating
- Small size, high efficiency, easy maintenance, energy saving, low cost
- SCP,OVP,UVP,OTP, protection
- 5 years warranty

P: Programmable dimming version



### PXC AC INPUT NON-ISOLATED OUTDOOR/TUNNEL LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
40W	DL-40H-260A/P-PXC	40W	200-277V	180-260V	200-260V	0.08-0.2A	93%	0.97	6/10KV	126*41*29mm
50W	DL-50H-260A/P-PXC	50W	200-277V	180-260V	200-260V	0.1-0.25A	93%	0.97	6/10KV	126*41*29mm
60W	DL-60H-260A/P-PXC	60W	200-277V	180-260V	200-260V	0.115-0.3A	93%	0.97	6/10KV	126*41*29mm
75W	DL-75H-260A/P-PXC	75W	200-277V	180-260V	200-260V	0.19-0.38A	94%	0.97	6/10KV	126*41*29mm
100W	DL-100H-260A/P-PXC	100W	200-277V	180-260V	200-260V	0.28-0.5A	94.5%	0.97	6/10KV	143*49*31mm
120W	DL-120H-260A/P-PXC	120W	200-277V	180-260V	200-260V	0.38-0.6A	94.5%	0.97	6/10KV	143*49*31mm
150W	DL-150H-260A/P-PXC	150W	200-277V	180-260V	200-260V	0.38-0.75A	94.5%	0.97	6/10KV	143*49*31mm
200W	DL-200H-260A/P-PXC	200W	200-277V	180-260V	200-260V	0.58-1.05A	95%	0.97	6/10KV	164*53*32.5mm
240W	DL-240H-260A/P-PXC	240W	200-277V	180-260V	200-260V	0.75-1.25A	95.5%	0.97	6/10KV	164*53*32.5mm
320W	DL-320H-260A/P-PXC	320W	200-277V	180-260V	200-260V	0.92-1.6A	95.5%	0.97	6/10KV	176*57*32mm

A: Potentiometer current adjustment version P: Programmable dimming version

### PXC-DV 200-480VDC NON-ISOLATED DC POWER SOLUTION LED DRIVER SERIES

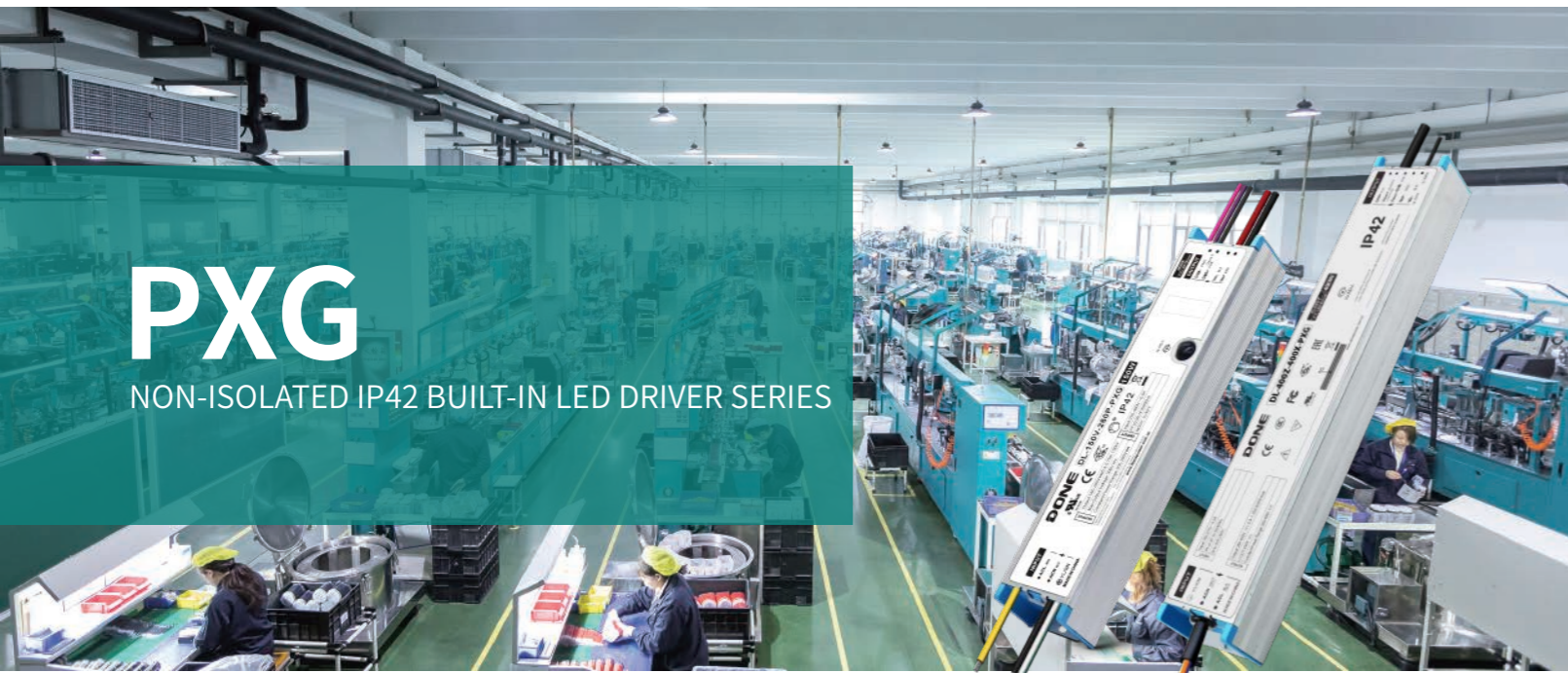
Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Lightning protection rating	Product Size
40W	DL-40DV-200P-PXC	40W	200-480V	130-200V	140-200V	0.1-0.29A	96%	6/10KV	126*41*29mm
60W	DL-60DV-200P-PXC	60W	200-480V	130-200V	140-200V	0.2-0.43A	96%	6/10KV	126*41*29mm
80W	DL-80DV-200P-PXC	80W	200-480V	130-200V	140-200V	0.3-0.57A	96%	6/10KV	126*41*29mm
100W	DL-100DV-200P-PXC	100W	200-480V	130-200V	140-200V	0.4-0.72A	97%	6/10KV	126*41*29mm
120W	DL-120DV-200P-PXC	120W	200-480V	130-200V	140-200V	0.5-0.86A	97%	6/10KV	126*41*29mm
150W	DL-150DV-200P-PXC	150W	200-480V	130-200V	140-200V	0.6-1.07A	97%	6/10KV	126*41*29mm
200W	DL-200DV-200P-PXC	200W	200-480V	130-200V	140-200V	0.75-1.43A	97%	6/10KV	143*49*31mm
240W	DL-240DV-200P-PXC	240W	200-480V	130-200V	140-200V	1-1.72A	97%	6/10KV	143*49*31mm
320W	DL-320DV-200P-PXC	320W	200-480V	130-200V	140-200V	1.2-2.29A	97%	6/10KV	164*53*32.5mm

P: Programmable dimming version

### PXC-DU 600-900VDC NON-ISOLATED DC POWER SOLUTION LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Lightning protection rating	Product Size
40W	DL-40DU-200P-PXC	40W	600-900V	130-200V	140-200V	0.1-0.29A	96%	6/10KV	143*49*31mm
60W	DL-60DU-200P-PXC	60W	600-900V	130-200V	140-200V	0.2-0.43A	96%	6/10KV	143*49*31mm
80W	DL-80DU-200P-PXC	80W	600-900V	130-200V	140-200V	0.3-0.57A	96%	6/10KV	143*49*31mm
100W	DL-100DU-200P-PXC	100W	600-900V	130-200V	140-200V	0.4-0.72A	97%	6/10KV	143*49*31mm
120W	DL-120DU-200P-PXC	120W	600-900V	130-200V	140-200V	0.5-0.86A	97%	6/10KV	143*49*31mm
150W	DL-150DU-200P-PXC	150W	600-900V	130-200V	140-200V	0.6-1.07A	97%	6/10KV	143*49*31mm
200W	DL-200DU-200P-PXC	200W	600-900V	130-200V	140-200V	0.75-1.43A	97%	6/10KV	143*49*31mm
240W	DL-240DU-200P-PXC	240W	600-900V	130-200V	140-200V	1-1.72A	97%	6/10KV	143*49*31mm
320W	DL-320DU-200P-PXC	320W	600-900V	130-200V	140-200V	1.2-2.29A	97%	6/10KV	164*53*32.5mm

P: Programmable dimming version



# PXG

## NON-ISOLATED IP42 BUILT-IN LED DRIVER SERIES

### PRODUCT FEATUERS

- Non-isolated technical solutions
- Built-in mounting 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 rating
- Lightning protection: differential mode 6KV, common mode 10KV
- Lifetime warning, soft start, light decay compensation
- SCP,OVP,OTP protection
- 5 years warranty

### PXG 100-277V INPUT LED DRIVER SERIES

- Input Voltage: 100-277Vac
- Output power: 40-320W

A: Potentiometer current regulation version  
 S: 3-in-1 dimming version  
 X: 12 auxiliary source version  
 CX: extra wire + light control + 12V auxiliary source  
 U: extra wire + 12V auxiliary source

CE / FC / SAA / CLASS P / eNEC

### PXG 200-480V HIGH VOLTAGE INPUT LED DRIVER SERIES

- Input voltage: 200-480Vac
- Output power: 100-320W

A: Potentiometer current adjustment version  
 S: 3-in-1 dimming version  
 X: 12 auxiliary source version

CE / FC / SAA / CLASS P / eNEC

### PXG DALI DIMMING LED DRIVER SERIES

- Input voltage: 100-277Vac
- Output Power: 100-320W

DX: DLAI 2 + 12V auxiliary output version

CE / FC / SAA / CLASS P / eNEC



### PXG 43.5MM BUILT-IN PLANT LIGHTING LED DRIVER SERIES

- Input voltage: 100-277Vac, 200-480V selectable
- Output power: 400-600W

X: 12 auxiliary source version

CE / FC / SAA / CLASS P / eNEC

### 100-277V INPUT LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
40W	DL-40Z-260A/S/X-PXG	40W	100-277V	180-260V	200-260V	0.08-0.2A	93%	0.97	6/10KV	124*43.5*29mm
60W	DL-60Z-260A/S/X-PXG	60W	100-277V	180-260V	200-260V	0.15-0.3A	93.5%	0.97	6/10KV	124*43.5*29mm
80W	DL-80Z-260A/S/X-PXG	80W	100-277V	180-260V	200-260V	0.23-0.4A	93.5%	0.97	6/10KV	140*43.5*31.5mm
100W	DL-100Z-260A/S/X/U-PXG	100W	100-277V	180-260V	200-260V	0.23-0.5A	94%	0.97	6/10KV	140*43.5*31.5mm
120W	DL-120Z-260A/S/X/CX/U-PXG	120W	100-277V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	6/10KV	180*43.5*31.5mm
150W	DL-150Z-260A/S/X/CX/U-PXG	150W	100-277V	180-260V	200-260V	0.4-0.75A	94.5%	0.97	6/10KV	180*43.5*31.5mm
200W	DL-200Z-260A/S/X/CX/U-PXG	200W	100-277V	180-260V	200-260V	0.55-1.05A	94.5%	0.97	6/10KV	210*43.5*31.5mm
240W	DL-240Z-260A/S/X/CX/U-PXG	240W	100-277V	180-260V	200-260V	0.75-1.25A	95%	0.97	6/10KV	210*43.5*31.5mm
320W	DL-320Z-260A/S/X/CX/U-PXG	320W	100-277V	180-260V	200-260V	0.92-1.6A	96%	0.97	6/10KV	270*43.5*31.5mm

A: Potentiometer current regulation version S: 3-in-1 dimming version X: 12 auxiliary source version CX: extra wire + light control + 12V auxiliary source U: extra wire + 12V auxiliary source

### 200-480V HIGH VOLTAGE INPUT LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
120W	DL-120V-260A/S/X-PXG	120W	200-480V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	6/10KV	220*43.5*31.5mm
150W	DL-150V-260A/S/X-PXG	150W	200-480V	180-260V	200-260V	0.4-0.75A	94.5%	0.97	6/10KV	220*43.5*31.5mm
200W	DL-200V-260A/S/X-PXG	200W	200-480V	180-260V	200-260V	0.55-1.05A	95.5%	0.97	6/10KV	244*43.5*31.5mm
240W	DL-240V-260A/S/X-PXG	240W	200-480V	180-260V	200-260V	0.75-1.25A	95.5%	0.97	6/10KV	244*43.5*31.5mm
320W	DL-320V-260A/S/X-PXG	320W	200-480V	180-260V	200-260V	0.92-1.6A	95.5%	0.97	6/10KV	270*43.5*31.5mm

A: Potentiometer current adjustment version S: 3-in-1 dimming version X: 12 auxiliary source version

### DALI DIMMING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
100W	DL-100Z-260DX-PXG	100W	100-277V	180-260V	200-260V	0.23-0.5A	94%	0.97	6/10KV	140*43.5*31.5mm
120W	DL-120Z-260DX-PXG	120W	100-277V	180-260V	200-260V	0.25-0.6A	94%	0.97	6/10KV	200*43.5*31.5mm
150W	DL-150Z-260DX-PXG	150W	100-277V	180-260V	200-260V	0.4-0.75A	95%	0.97	6/10KV	200*43.5*31.5mm
200W	DL-200Z-260DX-PXG	200W	100-277V	180-260V	200-260V	0.55-1.05A	95%	0.97	6/10KV	235*43.5*31.5mm
240W	DL-240Z-260DX-PXG	240W	100-277V	180-260V	200-260V	0.75-1.25A	95%	0.97	6/10KV	235*43.5*31.5mm
320W	DL-320Z-260DX-PXG	320W	100-277V	180-260V	200-260V	0.92-1.6A	96%	0.97	6/10KV	260*43.5*31.5mm

DX: DLAI2 + 12V auxiliary output version

### 43.5MM BUILT-IN PLANT LIGHTING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
400W	DL-400Z-400X-PXG	320-400W	100-277V	280-400V	300-400V	0.8-1.35A	96.5%	0.97	6KV/10KV	305*43.5*31.5mm
	DL-400V-400X-PXG	320-400W	200-480V	280-400V	300-400V	0.8-1.35A	96.5%	0.97	6KV/10KV	305*43.5*31.5mm
500W	DL-500Z-400X-PXG	400-500W	100-277V	280-400V	300-400V	1-1.67A	96.5%	0.97	6KV/10KV	350*43.5*31.5mm
	DL-500V-400X-PXG	400-500W	200-480V	280-400V	300-400V	1-1.67A	96.5%	0.97	6KV/10KV	350*43.5*31.5mm
600W	DL-600Z-400X-PXG	500-600W	100-277V	280-400V	300-400V	1.25-2A	96.5%	0.97	6KV/10KV	370*43.5*31.5mm
	DL-600V-400X-PXG	500-600W	200-480V	280-400V	300-400V	1.25-2A	96.5%	0.97	6KV/10KV	370*43.5*31.5mm

X: 12 auxiliary source version



# PXL

## NON-ISOLATED UFO LED DRIVER SERIES

### PRODUCT FEATUERS

- Industrial lighting UFO dedicated
- Output voltage: 180-260Vac, constant and adjustable power in the range of 200-260V
- Efficiency up to 96%
- Auxiliary output: 12V auxiliary output standard or optional
- Class I construction
- IP65 rating
- Lightning protection: differential mode 4KV, common mode 4KV
- Life warning
- Soft start
- Light attenuation compensation
- SCP,OVP,OTP protection
- 5 years warranty

### PXL 100-277V INPUT LED DRIVER SERIES

- Input voltage: 100-277Vac
- Output power: 80-240W

A: Potentiometer current adjustment version  
 S: Three-in-one dimming version  
 X: 12 auxiliary source version

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

### PXL TWO COLOR TEMPERATURE EXTERNAL DIAL LED DRIVER SERIES

- Input voltage: 100-277Vac
- Output power: 80-240W

CX: Two output + three gear dial dimming color & power adjustment + 12V auxiliary output

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

### PXL 200-480V HIGH VOLTAGE INPUT UFO LED DRIVER SERIES

- Input voltage: 200-480Vac
- Output power: 80-240W

A: Potentiometer current adjustment version  
 S: Three-in-one dimming version  
 X: 12 auxiliary source version

UL / FC

### PXL DALI DIMMING LED DRIVER SERIES

- Input voltage: 100-277Vac
- Output power: 80-240W

DX: DALI 2 + 12V auxiliary output

CE / CB / FC / CCC / SAA / RoHS / CLASS P / DALI

### 100-277V INPUT LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
80W	DL-80Z-260A/S/X-PXL	60-80W	100-277V	180-260V	200-260V	0.23-0.4A	94.5%	0.97	4/4KV	127*58mm
100W	DL-100Z-260A/S/X-PXL	80-100W	100-277V	180-260V	200-260V	0.3-0.5A	94.5%	0.97	4/4KV	127*58mm
120W	DL-120Z-260A/S/X-PXL	60-120W	100-277V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	4/4KV	127*58mm
150W	DL-150Z-260A/S/X-PXL	100-150W	100-277V	180-260V	200-260V	0.35-0.75A	94.5%	0.97	4/4KV	127*58mm
200W	DL-200Z-260A/S/X-PXL	150-200W	100-277V	180-260V	200-260V	0.55-1.05A	96%	0.97	4/4KV	127*58mm
240W	DL-240Z-260A/S/X-PXL	200-240W	100-277V	180-260V	200-260V	0.75-1.25A	96%	0.97	4/4KV	127*58mm

A: Potentiometer current adjustment version S: Three-in-one dimming version X: 12 auxiliary source version

### TWO COLOR TEMPERATURE EXTERNAL DIAL LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
80W	DL-80Z-260CX-PXL	60-80W	100-277V	180-260V	200-260V	0.23-0.4A	94%	0.97	4/4KV	127*58mm
100W	DL-100Z-260CX-PXL	80-100W	100-277V	180-260V	200-260V	0.3-0.5A	94.5%	0.97	4/4KV	127*58mm
120W	DL-120Z-260CX-PXL	60-120W	100-277V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	4/4KV	127*58mm
150W	DL-150Z-260CX-PXL	100-150W	100-277V	180-260V	200-260V	0.35-0.75A	94.5%	0.97	4/4KV	127*58mm
200W	DL-200Z-260CX-PXL	150-200W	100-277V	180-260V	200-260V	0.55-1.05A	96%	0.97	4/4KV	127*58mm
240W	DL-240Z-260CX-PXL	200-240W	100-277V	180-260V	200-260V	0.75-1.25A	96%	0.97	4/4KV	127*58mm

CX: Two output + three gear dial dimming color & power adjustment + 12V auxiliary output

### 200-480V HIGH VOLTAGE INPUT UFO LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
80W	DL-80V-260A/S/X-PXL	60-80W	200-480V	180-260V	200-260V	0.23-0.4A	94%	0.97	4/4KV	127*58mm
100W	DL-80V-260A/S/X-PXL	80-100W	200-480V	180-260V	200-260V	0.3-0.5A	94.5%	0.97	4/4KV	127*58mm
120W	DL-120V-260A/S/X-PXL	60-120W	200-480V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	4/4KV	127*58mm
150W	DL-150V-260A/S/X-PXL	100-150W	200-480V	180-260V	200-260V	0.35-0.75A	94.5%	0.97	4/4KV	127*58mm
200W	DL-200V-260A/S/X-PXL	150-200W	200-480V	180-260V	200-260V	0.55-1.05A	96%	0.97	4/4KV	127*58mm
240W	DL-240V-260A/S/X-PXL	200-240W	200-480V	180-260V	200-260V	0.75-1.25A	96%	0.97	4/4KV	127*58mm

A: Potentiometer current adjustment version S: Three-in-one dimming version X: 12 auxiliary source version

### DALI DIMMING LED DRIVER SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
80W	DL-80Z-260DX-PXL	60-80W	100-277V	180-260V	200-260V	0.23-0.4A	94%	0.97	4/4KV	127*58mm
100W	DL-100Z-260DX-PXL	80-100W	100-277V	180-260V	200-260V	0.3-0.5A	94.5%	0.97	4/4KV	127*58mm
120W	DL-120Z-260DX-PXL	60-120W	100-277V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	4/4KV	127*58mm
150W	DL-150Z-260DX-PXL	100-150W	100-277V	180-260V	200-260V	0.35-0.75A	94.5%	0.97	4/4KV	127*58mm
200W	DL-200Z-260DX-PXL	150-200W	100-277V	180-260V	200-260V	0.55-1.05A	96%	0.97	4/4KV	127*58mm
240W	DL-240Z-260DX-PXL	200-240W	100-277V	180-260V	200-260V	0.75-1.25A	96%	0.97	4/4KV	127*58mm

DX: DALI 2 + 12V auxiliary output

# RXG

## OUTDOOR WATERPROOF CONSTANT VOLTAGE LED DRIVER SERIES



### PRODUCT FEATURES

- Rated input voltage:200~277V.
- 12V/24V/36V/48V Constant voltage output .
- Efficiency up to 94%/High PF>0.97/THD<10%@230Vac.
- Surge protection:4/6KV , 6/10KV.
- Protection level: IP67.
- SCP/OTP/OVP protection.
- Life time>50,000 hrs. And 5 years warranty.
- Wide Voltage Product: A for regular version S for 1-10V 3-in-1 dimming function D for DALI2.0 dimming function



### SINGLE VOLTAGE WATERPROOF CONSTANT PRESSURE SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Protection level	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
40W	DL-40H-V12-RXG	0-40W	200-277V	12V	IP67	0-3.33A	87%	0.95	4KV/6KV	90*63*32mm
	DL-40H-V24-RXG	0-40W	200-277V	24V	IP67	0-1.67A	87%	0.95	4KV/6KV	90*63*32mm
	DL-40H-V36-RXG	0-40W	200-277V	36V	IP67	0-1.11A	87%	0.95	4KV/6KV	90*63*32mm
	DL-40H-V48-RXG	0-40W	200-277V	48V	IP67	0-0.83A	87%	0.95	4KV/6KV	90*63*32mm
60W	DL-60H-V12-RXG	0-60W	200-277V	12V	IP67	0-5.0A	88%	0.95	4KV/6KV	105*63*32mm
	DL-60H-V24-RXG	0-60W	200-277V	24V	IP67	0-2.5A	88%	0.96	4KV/6KV	105*63*32mm
	DL-60H-V36-RXG	0-60W	200-277V	36V	IP67	0-1.67A	88%	0.96	4KV/6KV	105*63*32mm
	DL-60H-V48-RXG	0-60W	200-277V	48V	IP67	0-1.25A	88%	0.96	4KV/6KV	105*63*32mm
75W	DL-75H-V12-RXG	0-75W	200-277V	12V	IP67	0-6.3A	88%	0.95	4KV/6KV	138*63*32mm
	DL-75H-V24-RXG	0-75W	200-277V	24V	IP67	0-3.2A	89%	0.95	4KV/6KV	138*63*32mm
	DL-75H-V36-RXG	0-75W	200-277V	36V	IP67	0-2.1A	89%	0.95	4KV/6KV	138*63*32mm
	DL-75H-V48-RXG	0-75W	200-277V	48V	IP67	0-1.6A	89%	0.95	4KV/6KV	138*63*32mm
100W	DL-100H-V12-RXG	0-100W	200-277V	12V	IP67	0-8.4A	88%	0.95	4KV/6KV	153*63*32mm
	DL-100H-V24-RXG	0-100W	200-277V	24V	IP67	0-4.2A	89%	0.95	4KV/6KV	153*63*32mm
	DL-100H-V36-RXG	0-100W	200-277V	36V	IP67	0-2.8A	89%	0.95	4KV/6KV	153*63*32mm
	DL-100H-V48-RXG	0-100W	200-277V	48V	IP67	0-2.1A	89%	0.95	4KV/6KV	153*63*32mm
150W	DL-150H-V12-RXG	0-150W	200-277V	12V	IP67	0-12.5A	89%	0.95	4KV/6KV	186*63*32mm
	DL-150H-V24-RXG	0-150W	200-277V	24V	IP67	0-6.3A	90%	0.95	4KV/6KV	186*63*32mm
	DL-150H-V36-RXG	0-150W	200-277V	36V	IP67	0-4.2A	90%	0.95	4KV/6KV	186*63*32mm
	DL-150H-V48-RXG	0-150W	200-277V	48V	IP67	0-3.1A	90%	0.95	4KV/6KV	186*63*32mm
200W	DL-200H-V12-RXG	0-200W	200-277V	12V	IP67	0-16.7A	92%	0.97	4KV/6KV	199*63*37mm
	DL-200H-V24-RXG	0-200W	200-277V	24V	IP67	0-8.3A	93%	0.97	4KV/6KV	199*63*37mm
	DL-200H-V36-RXG	0-200W	200-277V	36V	IP67	0-5.6A	93%	0.97	4KV/6KV	199*63*37mm
	DL-200H-V48-RXG	0-200W	200-277V	48V	IP67	0-4.2A	93%	0.97	4KV/6KV	199*63*37mm

250W	DL-250H-V12-RXG	0-250W	200-277V	12V	IP67	0-20.8A	92%	0.97	4KV/6KV	199*63*37mm
	DL-250H-V24-RXG	0-250W	200-277V	24V	IP67	0-10.4A	93%	0.97	4KV/6KV	199*63*37mm
	DL-250H-V36-RXG	0-250W	200-277V	36V	IP67	0-7A	93%	0.97	4KV/6KV	199*63*37mm
	DL-250H-V48-RXG	0-250W	200-277V	48V	IP67	0-5.2A	93%	0.97	4KV/6KV	199*63*37mm
320W	DL-320H-V12-RXG	0-320W	200-277V	12V	IP67	0-26.7A	92%	0.97	4KV/6KV	230*68*37mm
	DL-320H-V24-RXG	0-320W	200-277V	24V	IP67	0-13.3A	94%	0.97	4KV/6KV	230*68*37mm
	DL-320H-V36-RXG	0-320W	200-277V	36V	IP67	0-8.9A	94%	0.97	4KV/6KV	230*68*37mm
	DL-320H-V48-RXG	0-320W	200-277V	48V	IP67	0-6.7A	94%	0.97	4KV/6KV	230*68*37mm
350W	DL-350H-V24-RXG	0-350W	200-277V	24V	IP67	0-14.58A	94%	0.97	6KV/10KV	244*83*40mm
	DL-350H-V36-RXG	0-350W	200-277V	36V	IP67	0-9.72A	94%	0.97	6KV/10KV	244*83*40mm
	DL-350H-V48-RXG	0-350W	200-277V	48V	IP67	0-7.29A	94%	0.97	6KV/10KV	244*83*40mm
400W	DL-400H-V24-RXG	0-400W	200-277V	24V	IP67	0-16.67A	94%	0.97	6KV/10KV	244*83*40mm
	DL-400H-V36-RXG	0-400W	200-277V	36V	IP67	0-11.15A	94%	0.97	6KV/10KV	244*83*40mm
	DL-400H-V48-RXG	0-400W	200-277V	48V	IP67	0-8.35A	94%	0.97	6KV/10KV	244*83*40mm

### WIDE VOLTAGE WATERPROOF CONSTANT PRESSURE SERIES

Power	Model	Rated power	Input Voltage	Output Voltage	Protection level	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
30W	DL-30W-V12-RXG	0-30W	100-277V	12V	IP67	0-2.5A	87%	0.95	6KV/10KV	100*63*32mm
	DL-30W-V24-RXG	0-30W	100-277V	24V	IP67	0-1.25A	87%	0.95	6KV/10KV	100*63*32mm
	DL-30W-V36-RXG	0-30W	100-277V	36V	IP67	0-0.83A	87%	0.95	6KV/10KV	100*63*32mm
	DL-30W-V48-RXG	0-30W	100-277V	48V	IP67	0-0.62A	87%	0.95	6KV/10KV	100*63*32mm
50W	DL-50W-V12-RXG	0-50W	100-277V	12V	IP67	0-4.16A	88%	0.95	6KV/10KV	110*63*32mm
	DL-50W-V24-RXG	0-50W	100-277V	24V	IP67	0-2.08A	88%	0.95	6KV/10KV	110*63*32mm
	DL-50W-V36-RXG	0-50W	100-277V	36V	IP67	0-1.38A	88%	0.95	6KV/10KV	110*63*32mm
	DL-50W-V48-RXG	0-50W	100-277V	48V	IP67	0-1.04A	88%	0.95	6KV/10KV	110*63*32mm
75W	DL-75W-V12-RXG	0-75W	100-277V	12V	IP67	0-12.5A	88%	0.96	6KV/10KV	138*63*32mm
	DL-75W-V24-RXG	0-75W	100-277V	24V	IP67	0-6.25A	89%	0.96	6KV/10KV	138*63*32mm
	DL-75W-V36-RXG	0-75W	100-277V	36V	IP67	0-4.17A	89%	0.96	6KV/10KV	138*63*32mm
	DL-75W-V48-RXG	0-75W	100-277V	48V	IP67	0-3.13A	89%	0.96	6KV/10KV	138*63*32mm
100W	DL-100W-V12-RXG	0-100W	100-277V	12V	IP67	0-16.7A	88%	0.96	6KV/10KV	153*63*32mm
	DL-100W-V24-RXG	0-100W	100-277V	24V	IP67	0-8.33A	89%	0.96	6KV/10KV	153*63*32mm
	DL-100W-V36-RXG	0-100W	100-277V	36V	IP67	0-5.56A	89%	0.96	6KV/10KV	153*63*32mm
	DL-100W-V48-RXG	0-100W	100-277V	48V	IP67	0-4.17A	89%	0.96	6KV/10KV	153*63*32mm
150W	DL-150W-V12-RXG	0-150W	100-277V	12V	IP67	0-20.83A	89%	0.96	6KV/10KV	186*63*32mm
	DL-150W-V24-RXG	0-150W	100-277V	24V	IP67	0-10.42A	90%	0.96	6KV/10KV	186*63*32mm
	DL-150W-V36-RXG	0-150W	100-277V	36V	IP67	0-6.95A	90%	0.96	6KV/10KV	186*63*32mm
	DL-150W-V48-RXG	0-150W	100-277V	48V	IP67	0-5.21A	90%	0.96	6KV/10KV	186*63*32mm
200W	DL-200W-V12-RXG	0-200W	100-277V	12V	IP67	0-26.67A	92%	0.97	6KV/10KV	209*63*37mm
	DL-200W-V24-RXG	0-200W	100-277V	24V	IP67	0-13.33A	93%	0.97	6KV/10KV	209*63*37mm
	DL-200W-V36-RXG	0-200W	100-277V	36V	IP67	0-8.9A	93%	0.97	6KV/10KV	209*63*37mm
	DL-200W-V48-RXG	0-200W	100-277V	48V	IP67	0-6.67A	93%	0.97	6KV/10KV	209*63*37mm
250W	DL-250W-V12-RXG	0-250W	100-277V	12V	IP67	0-33.33A	92%	0.97	6KV/10KV	199*63*37mm
	DL-250W-V24-RXG	0-250W	100-277V	24V	IP67	0-16.67A	93%	0.97	6KV/10KV	199*63*37mm
	DL-250W-V36-RXG	0-250W	100-277V	36V	IP67	0-11.15A	93%	0.97	6KV/10KV	199*63*37mm
	DL-250W-V48-RXG	0-250W	100-277V	48V	IP67	0-8.35A	93%	0.97	6KV/10KV	199*63*37mm
320W	DL-320W-V12-RXG	0-320W	100-277V	12V	IP67	0-20.83A	92%	0.97	6KV/10KV	230*68*37mm
	DL-320W-V24-RXG	0-320W	100-277V	24V	IP67	0-10.42A	94%	0.97	6KV/10KV	230*68*37mm
	DL-320W-V36-RXG	0-320W	100-277V	36V	IP67	0-6.95A	94%	0.97	6KV/10KV	230*68*37mm
	DL-320W-V48-RXG	0-320W	100-277V	48V	IP67	0-5.21A	94%	0.97	6KV/10KV	230*68*37mm
400W	DL-400W-V12-RXG	0-400W	100-277V	12V	IP67	0-26.67A	94%	0.97	6KV/10KV	244*83*40mm
	DL-400W-V24-RXG	0-400W	100-277V	24V	IP67	0-13.33A	94%	0.97	6KV/10KV	244*83*40mm
	DL-400W-V36-RXG	0-400W	100-277V	36V	IP67	0-8.9A	94%	0.97	6KV/10KV	244*83*40mm
	DL-400W-V48-RXG	0-400W	100-277V	48V	IP67	0-6.67A	94%	0.97	6KV/10KV	244*83*40mm
600W	DL-600W-V12-RXG	0-600W	100-277V	12V	IP67	0-33.33A	94.5%	0.97	6KV/10KV	265*130*45mm
	DL-600W-V24-RXG	0-600W	100-277V	24V	IP67	0-16.67A	94.5%	0.97	6KV/10KV	265*130*45mm
	DL-600W-V36-RXG	0-600W	100-277V	36V	IP67	0-11.15A	94.5%	0.97	6KV/10KV	265*130*45mm
	DL-600W-V48-RXG	0-600W	100-277V	48V	IP67	0-8.35A	94.5%	0.97	6KV/10KV	265*130*45mm

# RXL

WATERPROOF LINEAR CONSTANT VOLTAGE LED DRIVERS



## PRODUCT FEATURES

- Input Voltage: 200-240Vac.
- 12V/24V/36V/48V Constant voltage output.
- Efficiency up to 89%/High PF>0.95/THD<10%@230Vac
- Surge protection: 4/6KV.
- Protection level: IP67.
- SCP/OTP/OVP protection.
- Life time>50,000 hrs. And 5 years warranty.



Power	Model	Rated power	Input Voltage	Output Voltage	Protection level	Output Current	Efficiency	Power Factor (230V)	Lightning protection rating	Product Size
40W	DL-40H-V12-RXL	0-40W	200-240V	12V	IP67	0-3.3A	84%	0.95	4KV/6KV	125*40*30mm
	DL-40H-V24-RXL	0-40W	200-240V	24V	IP67	0-1.67A	85%	0.95	4KV/6KV	125*40*30mm
	DL-40H-V36-RXL	0-40W	200-240V	36V	IP67	0-1.1A	85%	0.95	4KV/6KV	125*40*30mm
	DL-40H-V48-RXL	0-40W	200-240V	48V	IP67	0-0.83A	85%	0.95	4KV/6KV	125*40*30mm
60W	DL-60H-V12-RXL	0-60W	200-240V	12V	IP67	0-5A	86%	0.95	4KV/6KV	150*40*30mm
	DL-60H-V24-RXL	0-60W	200-240V	24V	IP67	0-2.5A	87%	0.95	4KV/6KV	150*40*30mm
	DL-60H-V36-RXL	0-60W	200-240V	36V	IP67	0-1.67A	87%	0.95	4KV/6KV	150*40*30mm
	DL-60H-V48-RXL	0-60W	200-240V	48V	IP67	0-1.25A	87%	0.95	4KV/6KV	150*40*30mm
75W	DL-75H-V12-RXL	0-75W	200-240V	12V	IP67	0-6.25A	86%	0.95	4KV/6KV	150*40*30mm
	DL-75H-V24-RXL	0-75W	200-240V	24V	IP67	0-3.15A	88%	0.95	4KV/6KV	150*40*30mm
	DL-75H-V36-RXL	0-75W	200-240V	36V	IP67	0-2.1A	88%	0.95	4KV/6KV	150*40*30mm
	DL-75H-V48-RXL	0-75W	200-240V	48V	IP67	0-1.57A	88%	0.95	4KV/6KV	150*40*30mm

# RXC

WATERPROOF N-PFC CERTIFICATED CONSTANT VOLTAGE LED DRIVER



## PRODUCT FEATURES

- Rated input voltage: 200-240V.
- 12V/24V/36V/48V Constant voltage output .
- Efficiency up to 91%
- Surge protection:4/6KV.
- Protection level: IP67

- SCP/OTP/OVP protection.
- Life time>30,000 hrs. And 3 years warranty.
- 100/150W: CCC certificated; over 200W: CQC certificated



Power	Model	Rated power	Input Voltage	Output Voltage	Protection level	Output Current	Efficiency	Lightning protection rating	Product Size
100W	DL-100H-V12-RXC	0-80W	200-240V	12V	IP67	0-6.67A	88%	4KV/6KV	138*63*32mm
	DL-100H-V24-RXC	0-100W	200-240V	24V	IP67	0-4.2A	89%	4KV/6KV	138*63*32mm
	DL-100H-V36-RXC	0-100W	200-240V	36V	IP67	0-2.78A	89%	4KV/6KV	138*63*32mm
	DL-100H-V48-RXC	0-100W	200-240V	48V	IP67	0-2.1A	89%	4KV/6KV	138*63*32mm
150W	DL-150H-V12-RXC	0-120W	200-240V	12V	IP67	0-10A	89%	4KV/6KV	176*63*32mm
	DL-150H-V24-RXC	0-150W	200-240V	24V	IP67	0-6.25A	90%	4KV/6KV	176*63*32mm
	DL-150H-V36-RXC	0-150W	200-240V	36V	IP67	0-4.17A	90%	4KV/6KV	176*63*32mm
	DL-150H-V48-RXC	0-150W	200-240V	48V	IP67	0-3.13A	90%	4KV/6KV	176*63*32mm
200W	DL-200H-V12-RXC	0-160W	200-240V	12V	IP67	0-13.33A	90%	4KV/6KV	199*63*37mm
	DL-200H-V24-RXC	0-200W	200-240V	24V	IP67	0-8.33A	90%	4KV/6KV	199*63*37mm
	DL-200H-V36-RXC	0-200W	200-240V	36V	IP67	0-5.56A	90%	4KV/6KV	199*63*37mm
	DL-200H-V48-RXC	0-200W	200-240V	48V	IP67	0-4.17A	90%	4KV/6KV	199*63*37mm
250W	DL-250H-V12-RXC	0-200W	200-240V	12V	IP67	0-16.67A	90%	4KV/6KV	199*63*37mm
	DL-250H-V24-RXC	0-250W	200-240V	24V	IP67	0-10.42A	90%	4KV/6KV	199*63*37mm
	DL-250H-V36-RXC	0-250W	200-240V	36V	IP67	0-6.95A	90%	4KV/6KV	199*63*37mm
	DL-250H-V48-RXC	0-250W	200-240V	48V	IP67	0-5.21A	90%	4KV/6KV	199*63*37mm
350W	DL-350H-V12-RXC	0-300W	200-240V	12V	IP67	0-25A	91%	4KV/6KV	244*83*40mm
	DL-350H-V24-RXC	0-320W	200-240V	24V	IP67	0-13.33A	91%	4KV/6KV	244*83*40mm
	DL-350H-V36-RXC	0-320W	200-240V	36V	IP67	0-8.9A	91%	4KV/6KV	244*83*40mm
	DL-350H-V48-RXC	0-320W	200-240V	48V	IP67	0-6.67A	91%	4KV/6KV	244*83*40mm
400W	DL-400H-V12-RXC	0-360W	200-240V	12V	IP67	0-30A	91%	4KV/6KV	244*83*40mm
	DL-400H-V24-RXC	0-400W	200-240V	24V	IP67	0-16.67A	91%	4KV/6KV	244*83*40mm
	DL-400H-V36-RXC	0-400W	200-240V	36V	IP67	0-11.15A	91%	4KV/6KV	244*83*40mm
	DL-400H-V48-RXC	0-400W	200-240V	48V	IP67	0-8.35A	91%	4KV/6KV	244*83*40mm



# RAB

200-240V RAINPROOF CONSTANT VOLTAGE LED DRIVER SERIES



# RAC

100-240V RAINPROOF PFC CONSTANT VOLTAGE LED DRIVER SERIES



## PRODUCT FEATURES

- Rated input Voltage:200-240Vac(Input voltage range:176-264V).
- 12V /24V /36V/48V Constant voltage output.
- Efficiency up to 91%
- Surge protection:4/4KV.
- Semi-potted design against rain splash.
- SCP/OTP/OVP protection.
- Life time>30,000 hrs. And 3 years warranty.



Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Lightning protection rating	Product Size
250W	DL-250H-V12-RAB	0-250W	200-240V	12V	0-20.9A	89%	4KV/4KV	200*120*40mm
	DL-250H-V24-RAB	0-250W	200-240V	24V	0-10.4A	90%	4KV/4KV	200*120*40mm
	DL-250H-V36-RAB	0-250W	200-240V	36V	0-6.94A	90%	4KV/4KV	200*120*40mm
	DL-250H-V48-RAB	0-250W	200-240V	48V	0-5.2A	90%	4KV/4KV	200*120*40mm
350W	DL-350H-V12-RAB	0-350W	200-240V	12V	0-29.2A	90%	4KV/4KV	220*130*48mm
	DL-350H-V24-RAB	0-350W	200-240V	24V	0-14.6A	91%	4KV/4KV	220*130*48mm
	DL-350H-V36-RAB	0-350W	200-240V	36V	0-9.72A	91%	4KV/4KV	220*130*48mm
	DL-350H-V48-RAB	0-350W	200-240V	48V	0-7.29A	91%	4KV/4KV	220*130*48mm

## PRODUCT FEATURES

- Rated input Voltage:100-240Vac(100-264V,Derating of 50% power when input voltage under 200V).
- 12V 24V/36V/48V Constant voltage output.
- Efficiency up to 91%/PF≥0.98/THD<10%
- Surge protection:4/4KV.
- Semi-potted design against rain splash.
- SCP/OTP/OVP protection.
- Life time>30,000 hrs. And 3 years warranty.



Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Lightning protection rating	Product Size
250W	DL-250H-V12-RAC	0-250W	100-240V	12V	0-20.9A	89%	4KV/4KV	200*120*40mm
	DL-250H-V24-RAC	0-250W	100-240V	24V	0-10.4A	90%	4KV/4KV	200*120*40mm
	DL-250H-V36-RAC	0-250W	100-240V	36V	0-6.94A	90%	4KV/4KV	200*120*40mm
	DL-250H-V48-RAC	0-250W	100-240V	48V	0-5.2A	90%	4KV/4KV	200*120*40mm
400W	DL-400H-V12-RAC	0-400W	100-240V	12V	0-33.3A	90%	4KV/4KV	220.4*130*48mm
	DL-400H-V24-RAC	0-400W	100-240V	24V	0-16.7A	91%	4KV/4KV	220.4*130*48mm
	DL-400H-V36-RAC	0-400W	100-240V	36V	0-11.11A	91%	4KV/4KV	220.4*130*48mm
	DL-400H-V48-RAC	0-400W	100-240V	48V	0-8.33A	91%	4KV/4KV	220.4*130*48mm

# RAP

WATERPROOF CLASS II CONSTANT VOLTAGE LED DRIVER



## PRODUCT FEATURES

- Input Voltage:100-240Vac.
- 12V/24V/36V/48V Constant voltage output.
- Efficiency up to 90%/THD<10% EN61000-3-2 CLASS A
- Surge protection: 8-24W:2KV 30-150W:4KV
- Protection level: IP67.
- SCP/OTP/OVP protection.
- Authentication: 8-24W:CCC、CE、UL、FCC 30-150W:(LVD、EMC)CE、UL、FCC
- Life time>30,000 hrs. And 3 years warranty



Power	Model	Rated power	Input Voltage	Output Voltage	Protection level	Output Current	Efficiency	Lightning protection rating	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

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	0-4.2A	87%	4KV	118*35*26mm
	DL-50W-V48-RAP	0-50W	100-240V	48V	IP67	0-2.1A	87%	4KV	118*35*26mm
75W	DL-75W-V12-RAP	0-75W	100-240V	12V	IP67	0-6.3A	87%	4KV	162*40*32mm
	DL-75W-V24-RAP	0-75W	100-240V	24V	IP67	0-3.1A	88%	4KV	162*40*32mm
	DL-75W-V36-RAP	0-75W	100-240V	36V	IP67	0-6.3A	88%	4KV	162*40*32mm
	DL-75W-V48-RAP	0-75W	100-240V	48V	IP67	0-3.1A	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	0-8.3A	89%	4KV	171*53*37mm
	DL-100W-V48-RAP	0-100W	100-240V	48V	IP67	0-4.2A	89%	4KV	171*53*37mm
150W	DL-150W-V12-RAP	0-150W	100-240V	12V	IP67	0-12.5A	89%	4KV	182*63*37mm
	DL-150W-V24-RAP	0-150W	100-240V	24V	IP67	0-6.3A	90%	4KV	182*63*37mm
	DL-150W-V36-RAP	0-150W	100-240V	36V	IP67	0-12.5A	90%	4KV	182*63*37mm
	DL-150W-V48-RAP	0-150W	100-240V	48V	IP67	0-6.3A	90%	4KV	182*63*37mm



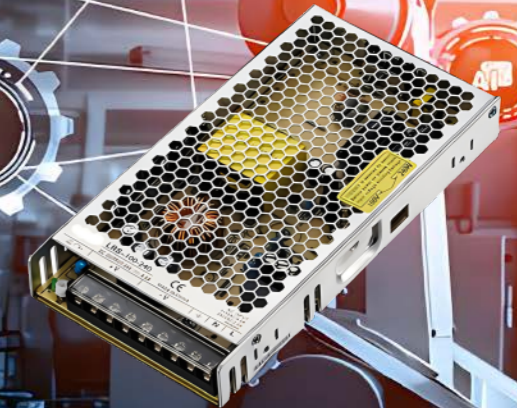
# RAS

WATERPROOF CLASS II DIMMING CONSTANT VOLTAGE LED DRIVER



# EXC

ENCLOSED TYPE POWER SUPPLY



## PRODUCT FEATURES

- Input Voltage:100-240Vac.
- 12V/24V/36V/48V Constant voltage output.
- Efficiency up to 90%/High PF>0.97/THD<10%@230Vac
- Surge protection:(L-N)4KV.
- Protection level: IP65.
- SCP/OTP/OVP/UVP protection.
- Function: Standard product、S: 1-10V 3-in-1 dimming version、D: DALI 2.0版 (DT6)
- Life time>50,000 hrs. And 5 years warranty.



Power	Model	Rated power	Input Voltage	Output Voltage	Protection level	Output Current	Efficiency	Lightning protection rating	Product Size
30W	DL-30W-V12-RAS	0-30W	100-240V	12V	IP67	0-2.5A	89%	4KV	118*35*26mm
	DL-30W-V24-RAS	0-30W	100-240V	24V	IP67	0-1.25A	89%	4KV	118*35*26mm
	DL-30W-V36-RAS	0-30W	100-240V	36V	IP67	0-0.83A	89%	4KV	118*35*26mm
	DL-30W-V48-RAS	0-30W	100-240V	48V	IP67	0-0.63A	89%	4KV	118*35*26mm
50W	DL-50W-V12-RAS	0-50W	100-240V	12V	IP67	0-4.2A	89%	4KV	162*40*30mm
	DL-50W-V24-RAS	0-50W	100-240V	24V	IP67	0-2.1A	89%	4KV	162*40*30mm
	DL-50W-V36-RAS	0-50W	100-240V	36V	IP67	0-1.4A	89%	4KV	162*40*30mm
	DL-50W-V48-RAS	0-50W	100-240V	48V	IP67	0-1.05A	89%	4KV	162*40*30mm
75W	DL-75W-V12-RAS	0-75W	100-240V	12V	IP67	0-6.25A	90%	4KV	162*40*30mm
	DL-75W-V24-RAS	0-75W	100-240V	24V	IP67	0-3.13A	90%	4KV	162*40*30mm
	DL-75W-V36-RAS	0-75W	100-240V	36V	IP67	0-2.15A	90%	4KV	162*40*30mm
	DL-75W-V48-RAS	0-75W	100-240V	48V	IP67	0-1.6A	90%	4KV	162*40*30mm
100W	DL-100W-V12-RAS	0-100W	100-240V	12V	IP67	0-8.3A	90%	4KV	171*53*37mm
	DL-100W-V24-RAS	0-100W	100-240V	24V	IP67	0-4.2A	90%	4KV	171*53*37mm
	DL-100W-V36-RAS	0-100W	100-240V	36V	IP67	0-2.8A	90%	4KV	171*53*37mm
	DL-100W-V48-RAS	0-100W	100-240V	48V	IP67	0-2.1A	90%	4KV	171*53*37mm
150W	DL-150W-V12-RAS	0-150W	100-240V	12V	IP67	0-12.5A	91%	4KV	183*63*37mm
	DL-150W-V24-RAS	0-150W	100-240V	24V	IP67	0-6.25A	91%	4KV	183*63*37mm
	DL-150W-V36-RAS	0-150W	100-240V	36V	IP67	0-4.2A	91%	4KV	183*63*37mm
	DL-150W-V48-RAS	0-150W	100-240V	48V	IP67	0-3.15A	91%	4KV	183*63*37mm

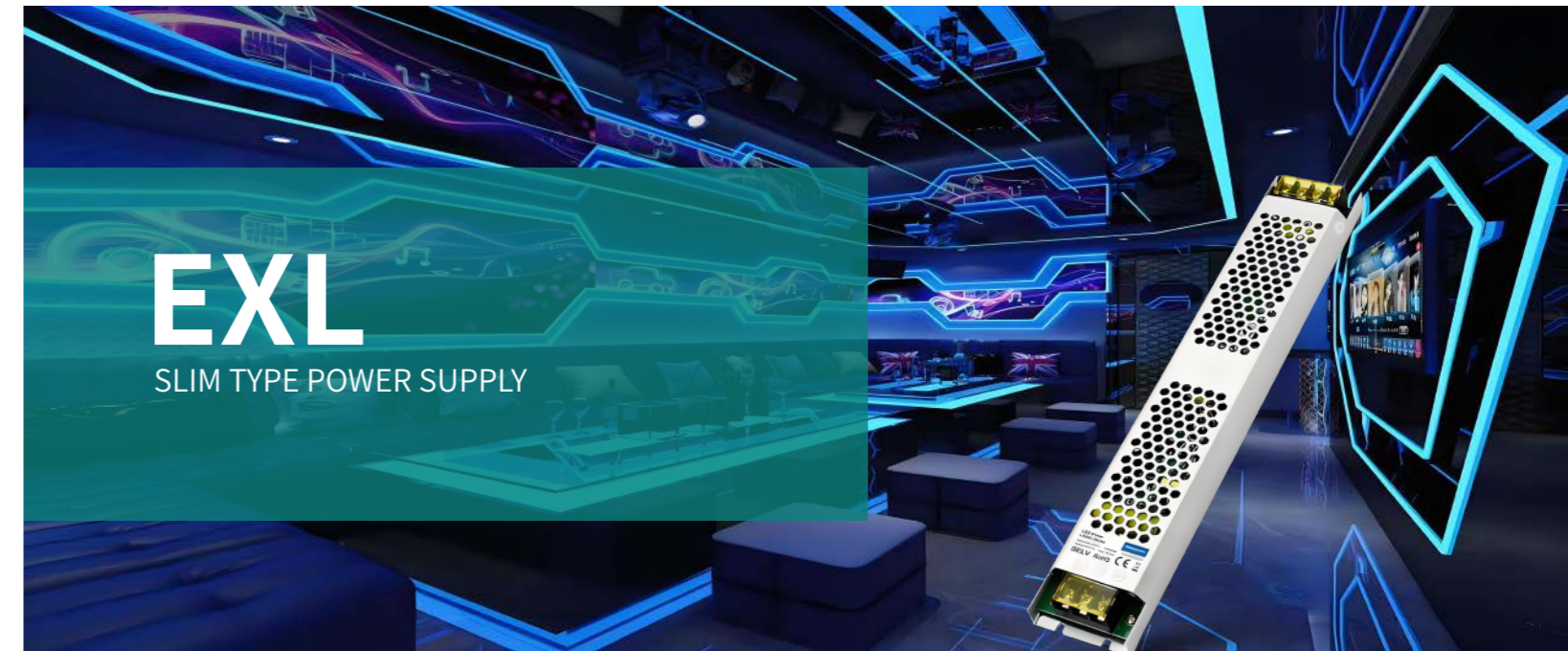
## PRODUCT FEATURES

- Input voltage: 100-240Vac(If output power reaches or over 200W, adopting the input of 100-130 / 200-240Vac)
- Withstand up to 200% peak output power for 5 second
- Efficiency up to 92% (Typ.)
- High operating temperature up to 70°C
- Compliance to IEC/BS EN/EN 60335-1 (PD3) and IEC/BSEN/EN61558-1,2-16 for Household Appliances
- LED indicator for power on
- Over-Voltage Category: III (EN6115587)
- Protection: Short Circuit / Overload / Over Voltage
- Life time>30,000 hrs. And 3 years warranty.



Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Lightning protection rating	Product Size
35W	DL-35W-V12-EXC	0-35W	100-240V	12V	0-2.92A	87%	2-4KV	98*82*30mm
	DL-35W-V15-EXC	0-35W	100-240V	15V	0-2.34A	87%	2-4KV	98*82*30mm
	DL-35W-V24-EXC	0-35W	100-240V	24V	0-1.46A	88%	2-4KV	98*82*30mm
	DL-35W-V36-EXC	0-35W	100-240V	36V	0-0.97A	88%	2-4KV	98*82*30mm
	DL-35W-V48-EXC	0-35W	100-240V	48V	0-0.73A	88%	2-4KV	98*82*30mm
50W	DL-50W-V12-EXC	0-50W	100-240V	12V	0-4.17A	88%	2-4KV	98*82*30mm
	DL-50W-V15-EXC	0-50W	100-240V	15V	0-3.34A	88%	2-4KV	98*82*30mm
	DL-50W-V24-EXC	0-50W	100-240V	24V	0-2.08A	89%	2-4KV	98*82*30mm
	DL-50W-V36-EXC	0-50W	100-240V	36V	0-1.39A	89%	2-4KV	98*82*30mm
	DL-50W-V48-EXC	0-50W	100-240V	48V	0-1.04A	89%	2-4KV	98*82*30mm
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

Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Lightning protection rating	Product Size
100W	DL-100W-V12-EXC	0-100W	100-240V	12V	0-8.33A	89%	2-4KV	130*98*30mm
	DL-100W-V15-EXC	0-100W	100-240V	15V	0-6.67A	89%	2-4KV	130*98*30mm
	DL-100W-V24-EXC	0-100W	100-240V	24V	0-4.17A	90%	2-4KV	130*98*30mm
	DL-100W-V36-EXC	0-100W	100-240V	36V	0-2.78A	90%	2-4KV	130*98*30mm
	DL-100W-V48-EXC	0-100W	100-240V	48V	0-2.08A	90%	2-4KV	130*98*30mm
150W	DL-150W-V12-EXC	0-150W	100-240V	12V	0-12.5A	90%	2-4KV	159*98*30mm
	DL-150W-V15-EXC	0-150W	100-240V	15V	0-10A	90%	2-4KV	159*98*30mm
	DL-150W-V24-EXC	0-150W	100-240V	24V	0-6.25A	91%	2-4KV	159*98*30mm
	DL-150W-V36-EXC	0-150W	100-240V	36V	0-4.17A	91%	2-4KV	159*98*30mm
	DL-150W-V48-EXC	0-150W	100-240V	48V	0-3.13A	91%	2-4KV	159*98*30mm
200W	DL-200W-V12-EXC	0-200W	100-130/220-240V	12V	0-16.67A	89%	2-4KV	215*115*30mm
	DL-200W-V15-EXC	0-200W	100-130/220-240V	15V	0-13.34A	89%	2-4KV	215*115*30mm
	DL-200W-V24-EXC	0-200W	100-130/220-240V	24V	0-8.33A	90%	2-4KV	215*115*30mm
	DL-200W-V36-EXC	0-200W	100-130/220-240V	36V	0-5.56A	90%	2-4KV	215*115*30mm
	DL-200W-V48-EXC	0-200W	100-130/220-240V	48V	0-4.17A	90%	2-4KV	215*115*30mm
350W	DL-350W-V12-EXC	0-350W	100-130/220-240V	12V	0-29.17A	90%	2-4KV	215*115*30mm
	DL-350W-V15-EXC	0-350W	100-130/220-240V	15V	0-23.34A	90%	2-4KV	215*115*30mm
	DL-350W-V24-EXC	0-350W	100-130/220-240V	24V	0-14.58A	91%	2-4KV	215*115*30mm
	DL-350W-V36-EXC	0-350W	100-130/220-240V	36V	0-9.72A	91%	2-4KV	215*115*30mm
	DL-350W-V48-EXC	0-350W	100-130/220-240V	48V	0-7.29A	91%	2-4KV	215*115*30mm
450W	DL-450W-V12-EXC	0-450W	100-130/220-240V	12V	0-37.5A	91%	2-4KV	215*115*35mm
	DL-450W-V15-EXC	0-450W	100-130/220-240V	15V	0-30A	91%	2-4KV	215*115*35mm
	DL-450W-V24-EXC	0-450W	100-130/220-240V	24V	0-18.75A	91.5%	2-4KV	215*115*35mm
	DL-450W-V36-EXC	0-450W	100-130/220-240V	36V	0-12.50A	91.5%	2-4KV	215*115*35mm
	DL-450W-V48-EXC	0-450W	100-130/220-240V	48V	0-9.38A	91.5%	2-4KV	215*115*35mm
600W	DL-600W-V12-EXC	0-600W	100-130/220-240V	12V	0-50.0A	91.5%	2-4KV	215*115*41mm
	DL-600W-V15-EXC	0-600W	100-130/220-240V	15V	0-40A	91.5%	2-4KV	215*115*41mm
	DL-600W-V24-EXC	0-600W	100-130/220-240V	24V	0-25.0A	92%	2-4KV	215*115*41mm
	DL-600W-V36-EXC	0-600W	100-130/220-240V	36V	0-16.67A	92%	2-4KV	215*115*41mm
	DL-600W-V48-EXC	0-600W	100-130/220-240V	48V	0-12.5A	92%	2-4KV	215*115*41mm



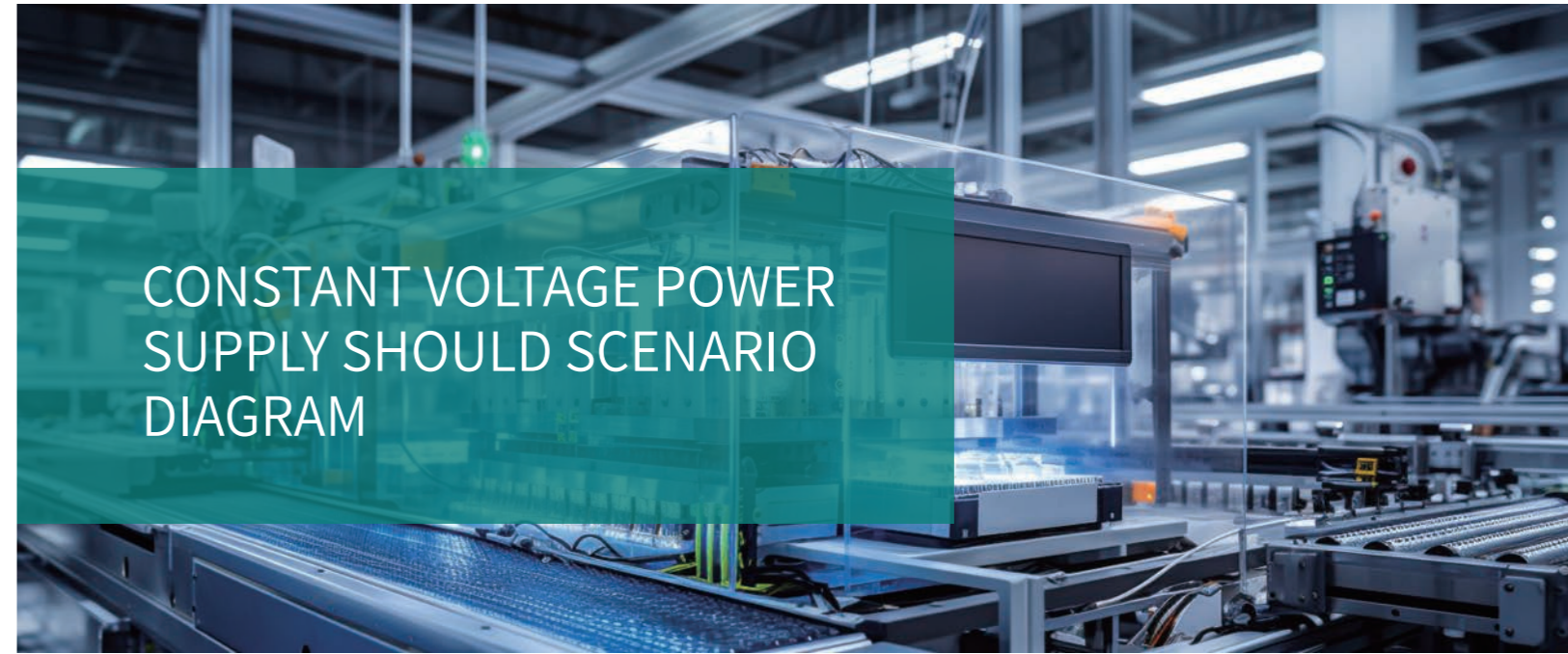
## PRODUCT FEATURES

- Input voltage: 100-240Vac (If output power reaches or over 200W, adopting the input of 100-130 / 200-240Vac)
- Withstand up to 200% peak output power for 5 second
- Efficiency up to 92% (Typ.)
- High operating temperature up to 70°C
- Compliance to IEC/BS EN/EN 60335-1 (PD3) and IEC/BSEN/EN61558-1,2-16 for Household Appliances
- LED indicator for power on
- Over-Voltage Category: III
- Protection: Short Circuit / Overload / Over Voltage
- Life time>30,000 hrs. And 3 years warranty



Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Lightning protection rating	Product Size
50W	DL-50W-V12-EXL	0-50W	100-240V	12V	0-4.17A	88%	2-4KV	90*50*30mm
	DL-50W-V15-EXL	0-50W	100-240V	15V	0-3.34A	88%	2-4KV	90*50*30mm
	DL-50W-V24-EXL	0-50W	100-240V	24V	0-2.08A	89%	2-4KV	90*50*30mm
	DL-50W-V36-EXL	0-50W	100-240V	36V	0-1.39A	89%	2-4KV	90*50*30mm
	DL-50W-V48-EXL	0-50W	100-240V	48V	0-1.04A	89%	2-4KV	90*50*30mm
75W	DL-75W-V12-EXL	0-75W	100-240V	12V	0-6.25A	89%	2-4KV	99*50*30mm
	DL-75W-V15-EXL	0-75W	100-240V	15V	0-5A	89%	2-4KV	99*50*30mm
	DL-75W-V24-EXL	0-75W	100-240V	24V	0-3.13A	90%	2-4KV	99*50*30mm
	DL-75W-V36-EXL	0-75W	100-240V	36V	0-2.08A	90%	2-4KV	99*50*30mm
	DL-75W-V48-EXL	0-75W	100-240V	48V	0-1.56A	90%	2-4KV	99*50*30mm
100W	DL-100W-V12-EXL	0-100W	100-240V	12V	0-8.33A	89%	2-4KV	130*60*30mm
	DL-100W-V15-EXL	0-100W	100-240V	15V	0-6.67A	89%	2-4KV	130*60*30mm
	DL-100W-V24-EXL	0-100W	100-240V	24V	0-4.17A	90%	2-4KV	130*60*30mm
	DL-100W-V36-EXL	0-100W	100-240V	36V	0-2.78A	90%	2-4KV	130*60*30mm
	DL-100W-V48-EXL	0-100W	100-240V	48V	0-2.08A	90%	2-4KV	130*60*30mm

Power	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	Lightning protection rating	Product Size
150W	DL-150W-V12-EXL	0-150W	100-240V	12V	0-12.5A	90%	2-4KV	159*60*30mm
	DL-150W-V15-EXL	0-150W	100-240V	15V	0-10A	90%	2-4KV	159*60*30mm
	DL-150W-V24-EXL	0-150W	100-240V	24V	0-6.25A	91%	2-4KV	159*60*30mm
	DL-150W-V36-EXL	0-150W	100-240V	36V	0-4.17A	91%	2-4KV	159*60*30mm
	DL-150W-V48-EXL	0-150W	100-240V	48V	0-3.13A	91%	2-4KV	159*60*30mm
200W	DL-200W-V12-EXL	0-200W	100-240V	12V	0-16.67A	89%	2-4KV	180*70*30mm
	DL-200W-V15-EXL	0-200W	100-240V	15V	0-13.34A	89%	2-4KV	180*70*30mm
	DL-200W-V24-EXL	0-200W	100-240V	24V	0-8.33A	90%	2-4KV	180*70*30mm
	DL-200W-V36-EXL	0-200W	100-240V	36V	0-5.56A	90%	2-4KV	180*70*30mm
	DL-200W-V48-EXL	0-200W	100-240V	48V	0-4.17A	90%	2-4KV	180*70*30mm
300W	DL-300W-V12-EXL	0-350W	100-240V	12V	0-25A	90%	2-4KV	215*70*30mm
	DL-300W-V15-EXL	0-350W	100-240V	15V	0-20A	90%	2-4KV	215*70*30mm
	DL-300W-V24-EXL	0-350W	100-240V	24V	0-12.5A	91%	2-4KV	215*70*30mm
	DL-300W-V36-EXL	0-350W	100-240V	36V	0-8.34A	91%	2-4KV	215*70*30mm
	DL-300W-V48-EXL	0-350W	100-240V	48V	0-6.25A	91%	2-4KV	215*70*30mm



# SPD

## Surge protector device series

### PRODUCT FEATURES

1. Max working voltage:305V,Rated working voltage:24V.
2. Max working current:40A.
3. Surge protection:10KV.
4. Protection level: IP65

Protection Level **IP65**

Cable CCC 1.0MM<sup>2</sup> 300/500V 105°C

Size 37\*42\*34mm



# LSP10

## Surge protector device series

### PRODUCT FEATURES

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

# LSP20

## Surge protector device series

### PRODUCT FEATURES

1. Input voltage: 100-277V.
2. Norminal discharge current: (IN) 10KV, 8/20μS.
3. Max. discharge current: (IN) 20KV, 8/20μS.
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

## Programming device

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



## Handheld NFC programmer

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

# 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  $\pm 10\%$  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 safety, 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  $\pm 1\%$  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.