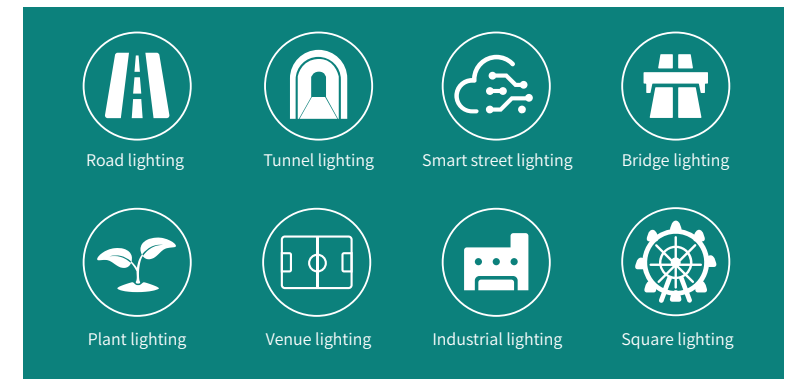




NO:May version **2022**
LED DRIVER POWER
PRODUCT MANUAL



GUANGDONG DONE POWER TECHNOLOGY CO.,LTD

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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 for the world' s top three in the LED driver industry.

▶ BRAND VALUES

Honesty / Practicability / High efficiency / Responsibility

▶ MISSION

Dedicate to the development of power supply 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 power supply, smart lighting power supply, plant lighting, agricultural lighting power supply, super high-power stadium lighting power supply, industrial lighting power supply research and development, manufacturing, sales and service.

We always adhere to the business philosophy of "diligence, perseverance, innovation, integrity, teamwork, and cooperation" as the 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 power supply 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 power supply research and development. With rich development experience, strong technical strength, rigorous quality management, and scientific product manufacturing in the field of high-power LED drive power supplies, Done power have won unanimous praise from customers as soon as they were launched.

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 drive power R&D.

To create high-quality, high-reliability high-quality power supplies, and to provide the industry with more selective high-power LED drive power products is the spirit that Done power, it has always upheld 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, Trial Production Control, and Mass Production Listing 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 products, 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 Power goes 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 attaches great importance to 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 from industry benchmark companies And philosophy. We sincerely invite people of insight who have ideals, pursuits, ambitions, unwillingness to be commonplace, and are willing to act on their dreams to join 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 lingling 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 25000m²

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 help brand upgrade.

In The Future

DONE continuously expands innovation investment, Concentrate on high power LED driver R&D, Deeply plough market segmentation application!

ENTERPRISE SCENE

FOCUS ON QUALITY
HARD SERVICE

DONE



CERTIFICATE



GLOBAL PROFESSIONAL LED DRIVER BRAND FOR OUTDOOR LIGHTING

Project Lighting / Road Lighting / Plant Lighting
Smart Lighting / Industrial Lighting / Night Scene Lighting



CONTENT

Road lighting LED driver series

MAP series European outdoor road lighting LED driver	01-02
MXG series Offline programmable outdoor lighting LED driver	03-04
MAS series Offline programmable outdoor lighting LED driver	05-06
C-MAS series Double color temperature tunnel lighting LED driver	07-08
I-MAS series Indian standard EESL(440V) OVP LED driver	09-10
MCK series IP42 built-in Non-isolated LED driver	11-12
MDK series IP42 built-in Offline Programmable LED driver	13-14
MUG series Super high voltage input Offline Programmable LED driver	15-16

Smart lighting LED driver series

MNG-N series NB-IOT Smart lighting LED driver	17-18
MNG-D series DALI-D4I Smart lighting LED driver	19-20

Plant lighting LED driver series

MTG series Class 2 LED driver	21-22
MXG series Ultra big power Square/Plant lighting LED driver	23-24
PLS series Non-isolated Ultra big power Square/Plant lighting LED driver	25-26

Industrial lighting LED driver series

SPF series Non-isolated industrial lighting LED driver	27-28
SBS series Universal explosion-proof LED driver	29-30

Outdoor small power lighting LED driver series

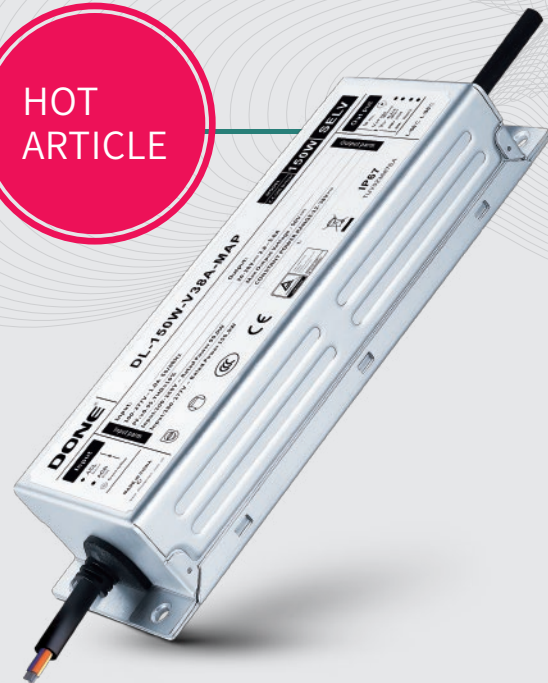
MCC series Mini built-in waterproof LED driver	31-32
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MAP SERIES

European outdoor road lighting LED driver

PRODUCT FEATURES

HOT
ARTICLE



1. Rated input voltage:100-277Vac,derated protection@100~180Vac.
2. Output voltage:20-38Vdc/32-58Vdc , Constant and adjustable power@32-38Vdc/42-58Vdc.
3. Efficiency up to 92%/High PF>0.95/THD<10%.
4. Surge protection:50-75W: 4/6KV, 100W and above: 6/15KV.
5. Protection level: IP67.
6. SCP/OTP/OVP/OC protection.
7. Life time>50,000 hrs.And 5 years warranty.

Type A potentiometer adjustment

Type S three in one dimming version

Input Cable
Ø7.2 H05RN-F 3x1.0mm²x400mm /

Output Cable
Ø6.8 H05RN-F 2x1.0mm²x300mm /

Dimming Cable
UL2517 / 22#AWG*270mm



The above is the manual measurement of the size, the error range +1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
50W	126mm	116mm	106mm	26.5mm	41mm	29mm	300g	14.6kg	0.027m ³	42PCS
75W	143mm	130.5mm	118mm	34mm	49mm	31mm	400g	14kg	0.027m ³	30PCS
100W	164mm	150mm	136mm	34mm	53mm	31mm	520g	14.48kg	0.027m ³	24PCS
150W	186mm	173.5mm	160mm	36mm	60mm	38mm	780g	16.04kg	0.027m ³	18PCS
200W	230mm	217.4mm	202mm	44.8mm	67mm	38mm	1060g	17.1kg	0.027m ³	15PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
50W	DL-50W-V38A-MAP	50W	100-277V	20-38V	32-38V	0.7-1.6A	87.5%	0.95	4KV/6KV	126*41*29mm
	DL-50W-V58A-MAP	50W	100-277V	32-58V	42-58V	0.5-1.2A	88%	0.95	4KV/6KV	126*41*29mm
	DL-50W-V38S-MAP	50W	100-277V	20-38V	32-38V	0.7-1.6A	87.5%	0.95	4KV/6KV	126*41*29mm
	DL-50W-V58S-MAP	50W	100-277V	32-58V	42-58V	0.5-1.2A	88%	0.95	4KV/6KV	126*41*29mm
75W	DL-75W-V38A-MAP	75W	100-277V	20-38V	32-38V	1.3-2.5A	88%	0.95	4KV/6KV	143*49*31mm
	DL-75W-V58A-MAP	75W	100-277V	32-58V	42-58V	0.9-1.8A	88%	0.95	4KV/6KV	143*49*31mm
	DL-75W-V38S-MAP	75W	100-277V	20-38V	32-38V	1.3-2.5A	88%	0.95	4KV/6KV	143*49*31mm
	DL-75W-V58S-MAP	75W	100-277V	32-58V	42-58V	0.9-1.8A	88%	0.95	4KV/6KV	143*49*31mm
105W	DL-105W-V38A-MAP	105W	100-277V	20-38V	32-38V	1.9-3.5A	90.5%	0.95	6KV/15KV	164*53*31mm
	DL-105W-V58A-MAP	105W	100-277V	32-58V	42-58V	1.3-2.5A	91.6%	0.95	6KV/15KV	164*53*31mm
	DL-105W-V38S-MAP	105W	100-277V	20-38V	32-38V	1.9-3.5A	90.5%	0.95	6KV/15KV	164*53*31mm
	DL-105W-V58S-MAP	105W	100-277V	32-58V	42-58V	1.3-2.5A	91.6%	0.95	6KV/15KV	164*53*31mm
150W	DL-150W-V38A-MAP	150W	100-277V	20-38V	32-38V	2.8-5A	90.5%	0.95	6KV/15KV	186*60*38mm
	DL-150W-V58A-MAP	150W	100-277V	32-58V	42-58V	1.8-3.6A	91.5%	0.95	6KV/15KV	186*60*38mm
	DL-150W-V38S-MAP	150W	100-277V	20-38V	32-38V	2.8-5A	90.5%	0.95	6KV/15KV	186*60*38mm
	DL-150W-V58S-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-MAP	200W	100-277V	20-38V	32-38V	3.7-6.7A	90%	0.95	6KV/15KV	230*67*38mm
	DL-200W-V58A-MAP	200W	100-277V	32-58V	42-58V	2.4-4.8A	91%	0.95	6KV/15KV	230*67*38mm
	DL-200W-V38S-MAP	200W	100-277V	20-38V	32-38V	3.7-6.7A	90%	0.95	6KV/15KV	230*67*38mm
	DL-200W-V58S-MAP	200W	100-277V	32-58V	42-58V	2.4-4.8A	91%	0.95	6KV/15KV	230*67*38mm





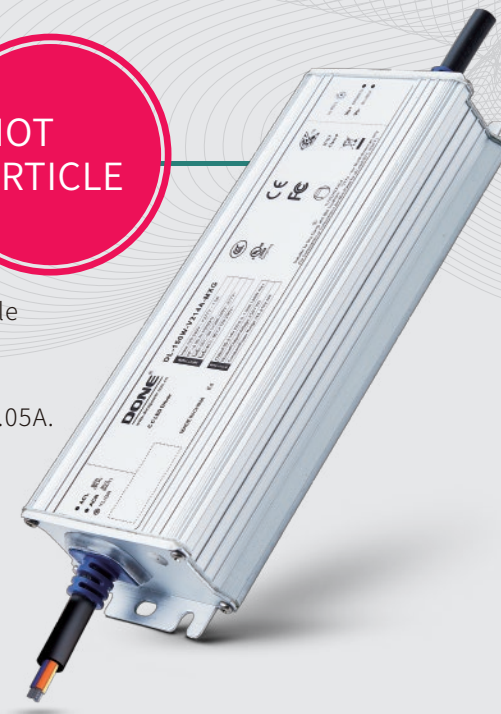
OUTDOOR LIGHTING LED DRIVER

MXG SERIES

Offline programmable outdoor lighting LED driver

PRODUCT FEATURES

HOT ARTICLE



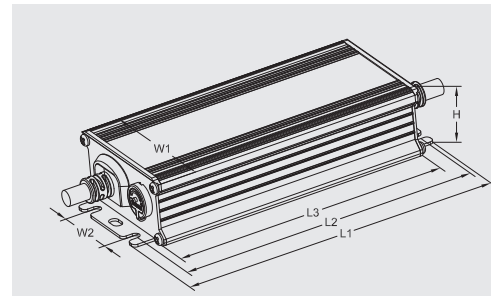
1. Rated input voltage:120-277V.
2. Provide standard output voltage version:25-56Vdc,Constant and adjustable power@36-56Vdc.
3. Provide high output voltage and low current version,Current range:0.7~1.05A.
4. Efficiency up to 94%/High PF≥0.95/THD≤10%.
5. Surge protection:6/15KV, Protection leve: IP67.
6. Comply with CCC,CE,UL,CUL,FCC,ENEC,SAA,CLASS P certificate.
7. SCP/OTP/OVP/OCP/UVp protection.
8. Life time>50,000 hrs.And 5 years warranty.

Type A potentiometer adjustment

Type P programming version

Type X 12V auxiliary output version

Input Cable Ø8.2 SJOW 17AWG H05RV-F 3x1.0mm² x400mm / Output Cable Ø7.7 SJOW 17AWG H05RV-F 2x1.0mm² x300mm / Dimming Cable UL2517 / 22#AWG*270mm



The above is the manual measurement of the size, the error range +1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
30W	110mm	106mm	98mm	63mm	32mm	32mm	400g	14.8kg	0.034m ³	32PCS
50W	110mm	106mm	98mm	63mm	32mm	32mm	400g	14.8kg	0.034m ³	32PCS
75W	138mm	128mm	117mm	63mm	32mm	32mm	480g	13.52kg	0.027m ³	24PCS
100W	153mm	143mm	132mm	63mm	32mm	32mm	545g	15.08kg	0.027m ³	24PCS
150W	186mm	176mm	165mm	63mm	32mm	32mm	800g	16.4kg	0.027m ³	18PCS
200W	199mm	189mm	178mm	63mm	28mm	37mm	850g	13.95kg	0.027m ³	15PCS
240W	217mm	207mm	196mm	63mm	28mm	37mm	1000g	16.2kg	0.027m ³	15PCS
320W	244mm	234mm	224mm	83mm	50mm	40mm	1540g	20.48kg	0.027m ³	12PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
30W	DL-30W-V56A-MXG	10-30W	120-277V	25-56V	30-56V	0.3-1A	89%	0.95	6KV/15KV	110*63*32mm
	DL-30W-V56P-MXG	10-30W	120-277V	25-56V	30-56V	0.3-1A	89%	0.95	6KV/15KV	110*63*32mm
	DL-30W-V56X-MXG	10-30W	120-277V	25-56V	30-56V	0.3-1A	89%	0.95	6KV/15KV	110*63*32mm
50W	DL-50W-V56A-MXG	50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.95	6KV/15KV	110*63*32mm
	DL-50W-V72A-MXG	50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6KV/15KV	110*63*32mm
	DL-50W-V56P-MXG	50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.95	6KV/15KV	110*63*32mm
	DL-50W-V72P-MXG	50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6KV/15KV	110*63*32mm
	DL-50W-V56X-MXG	50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.95	6KV/15KV	110*63*32mm
	DL-50W-V72X-MXG	50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6KV/15KV	110*63*32mm
75W	DL-75W-V56A-MXG	75W	120-277V	25-56V	36-56V	0.9-2.3A	90%	0.95	6KV/15KV	138*63*32mm
	DL-75W-V108A-MXG	75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	6KV/15KV	138*63*32mm
	DL-75W-V56P-MXG	75W	120-277V	25-56V	36-56V	0.9-2.3A	90%	0.95	6KV/15KV	138*63*32mm
	DL-75W-V108P-MXG	75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	6KV/15KV	138*63*32mm
	DL-75W-V56X-MXG	75W	120-277V	25-56V	36-56V	0.9-2.3A	90%	0.95	6KV/15KV	138*63*32mm
	DL-75W-V108X-MXG	75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	6KV/15KV	138*63*32mm
100W	DL-100W-V56A-MXG	100W	120-277V	25-56V	36-56V	1.3-2.8A	91%	0.95	6KV/15KV	153*63*32mm
	DL-100W-V143A-MXG	100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6KV/15KV	153*63*32mm
	DL-100W-V56P-MXG	100W	120-277V	25-56V	36-56V	1.3-2.8A	91%	0.95	6KV/15KV	153*63*32mm
	DL-100W-V143P-MXG	100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6KV/15KV	153*63*32mm
	DL-100W-V56X-MXG	100W	120-277V	25-56V	36-56V	1.3-2.8A	91%	0.95	6KV/15KV	153*63*32mm
	DL-100W-V143X-MXG	100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6KV/15KV	153*63*32mm
150W	DL-150W-V56A-MXG	150W	120-277V	25-56V	36-56V	1.8-4.2A	93%	0.95	6KV/15KV	186*63*32mm
	DL-150W-V214A-MXG	150W	120-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6KV/15KV	186*63*32mm
	DL-150W-V56P-MXG	150W	120-277V	25-56V	36-56V	1.8-4.2A	93%	0.95	6KV/15KV	186*63*32mm
	DL-150W-V214P-MXG	150W	120-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6KV/15KV	186*63*32mm
	DL-150W-V56X-MXG	150W	120-277V	25-56V	36-56V	1.8-4.2A	93%	0.95	6KV/15KV	186*63*32mm
	DL-150W-V214X-MXG	150W	120-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6KV/15KV	186*63*32mm
200W	DL-200W-V56A-MXG	200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.95	6KV/15KV	199*63*37mm
	DL-200W-V286A-MXG	200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.95	6KV/15KV	199*63*37mm
	DL-200W-V56P-MXG	200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.95	6KV/15KV	199*63*37mm
	DL-200W-V286P-MXG	200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.95	6KV/15KV	199*63*37mm
	DL-200W-V56X-MXG	200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.95	6KV/15KV	199*63*37mm
	DL-200W-V286X-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-MXG	240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/15KV	217*63*37mm
	DL-240W-V343A-MXG	240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/15KV	217*63*37mm
	DL-240W-V56P-MXG	240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/15KV	217*63*37mm
	DL-240W-V343P-MXG	240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/15KV	217*63*37mm
	DL-240W-V56X-MXG	240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/15KV	217*63*37mm
	DL-240W-V343X-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	240-320W	120-277V	25-56V	42-56V	4.2-7.65A	93.5%	0.97	6KV/15KV	244*83*40mm
	DL-320W-V428X-MXG	240-320W	120-277V	228-428V	304-428V	0.75-1.05A	93.5%	0.97	6KV/15KV	244*83*40mm



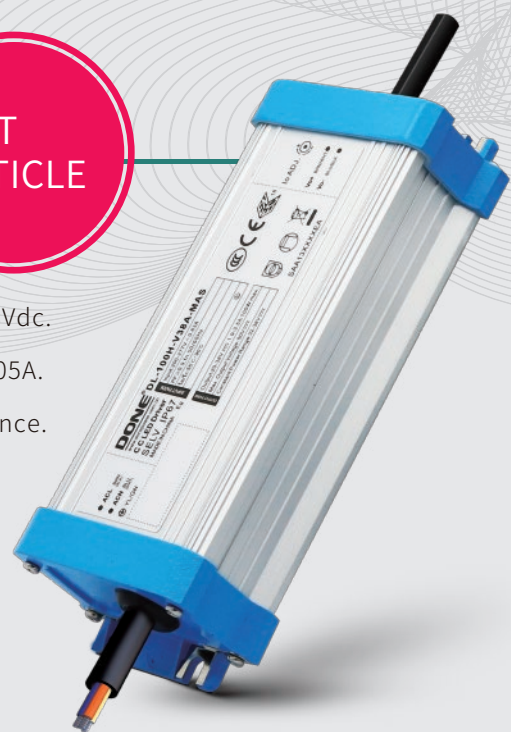
MAS SERIES

Offline Programmable Outdoor lighting LED driver



PRODUCT FEATURES

HOT ARTICLE



1. Rated input voltage:200-277V.
2. Output voltage:20-38Vdc/32-58Vdc , Constant power range:32-38Vdc/42-58Vdc.
3. Provide high output voltage and low current version,Current range:0.7~1.05A.
4. Efficiency up to 91%/High PF≥0.95/THD≤10%@230VAC Low THD interference.
5. Surge protection:30-75W: 4/6KV, 100W and above: 6/15KV.
6. Protection leve: IP67.
7. SCP/OTP/OVP/OCP protection.
8. Life time>50,000 hrs.And 5 years warranty.

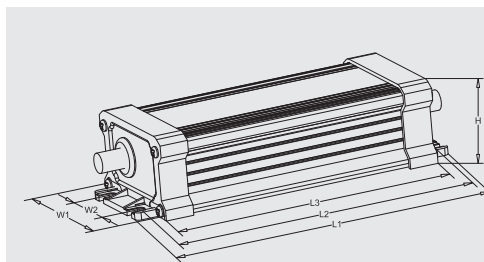
Type A potentiometer adjustment

Type P programming version

Input Cable
Ø7.2 H05RN-F 3x1.0mm² x400mm

Output Cable
Ø6.8 H05RN-F 2x1.0mm² x300mm

Dimming Cable
UL2517 / 22#AWG*270mm



The above is the manual measurement of the size, the error range +1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	单个重量 Weight	装箱重量 Packing Weight	装箱体积 Packing volume	整箱数量 Quantity of boxes
30W	98mm	94mm	88mm	51.5mm	24mm	30mm	265g	12.6kg	0.034m ³	40PCS
50W	108mm	104mm	98mm	51.5mm	24mm	30mm	300g	14kg	0.034m ³	40PCS
75W	137mm	128mm	119mm	56.5mm	26mm	34mm	420g	15.44kg	0.034m ³	32PCS
100W	151mm	142mm	133mm	56.5mm	26mm	34mm	475g	17.2kg	0.034m ³	32PCS
150W	175mm	165mm	157mm	66.5mm	36mm	34mm	630g	17.12kg	0.034m ³	24PCS
200W	215mm	206mm	197mm	66.5mm	36mm	34mm	801g	13.21kg	0.027m ³	15PCS
240W	225mm	216mm	207mm	71.5mm	41mm	34mm	905g	14.78kg	0.027m ³	15PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
30W	DL-30H-V38A-MAS	30W	200-277V	20~38V	32-38V	0.3-1A	89%	0.95	4KV/6KV	98*51.5*30mm
	DL-30H-V58A-MAS	30W	200-277V	32~58V	42-58V	0.2-0.75A	89%	0.95	4KV/6KV	98*51.5*30mm
	DL-30H-V38P-MAS	30W	200-277V	20~38V	32-38V	0.3-1A	89%	0.95	4KV/6KV	98*51.5*30mm
	DL-30H-V58P-MAS	30W	200-277V	32~58V	42-58V	0.2-0.75A	89%	0.95	4KV/6KV	98*51.5*30mm
50W	DL-50H-V38A-MAS	50W	200-277V	20~38V	32-38V	0.7-1.6A	89%	0.95	4KV/6KV	108*51.5*30mm
	DL-50H-V58A-MAS	50W	200-277V	32~58V	42-58V	0.5-1.2A	89%	0.95	4KV/6KV	108*51.5*30mm
	DL-50H-V72A-MAS	50W	200-277V	36~72V	48-72V	0.5-1.05A	89%	0.95	4KV/6KV	108*51.5*30mm
	DL-50H-V38P-MAS	50W	200-277V	20~38V	32-38V	0.7-1.6A	89%	0.95	4KV/6KV	108*51.5*30mm
	DL-50H-V58P-MAS	50W	200-277V	32~58V	42-58V	0.5-1.2A	89%	0.95	4KV/6KV	108*51.5*30mm
75W	DL-50H-V72P-MAS	50W	200-277V	36~72V	48-72V	0.5-1.05A	89%	0.95	4KV/6KV	108*51.5*30mm
	DL-75H-V38A-MAS	75W	200-277V	20~38V	32-38V	1.3-2.5A	90%	0.95	4KV/6KV	137*56.5*34mm
	DL-75H-V58A-MAS	75W	200-277V	32~58V	42-58V	0.9-1.8A	90%	0.95	4KV/6KV	137*56.5*34mm
	DL-75H-V108A-MAS	75W	200-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	4KV/6KV	137*56.5*34mm
	DL-75H-V38P-MAS	75W	200-277V	20~38V	32-38V	1.3-2.5A	90%	0.95	4KV/6KV	137*56.5*34mm
100W	DL-75H-V58P-MAS	75W	200-277V	32~58V	42-58V	0.9-1.8A	90%	0.95	4KV/6KV	137*56.5*34mm
	DL-75H-V108P-MAS	75W	200-277V	54~108V	72-108V	0.5-1.05A	90%	0.95	4KV/6KV	137*56.5*34mm
	DL-100H-V38A-MAS	100W	200-277V	20~38V	32-38V	1.9-3.5A	91%	0.95	6KV/15KV	151*56.5*34mm
	DL-100H-V58A-MAS	100W	200-277V	32~58V	42-58V	1.3-2.5A	91%	0.95	6KV/15KV	151*56.5*34mm
	DL-100H-V150A-MAS	100W	200-277V	71~150V	95-150V	0.5-1.05A	91%	0.95	6KV/15KV	151*56.5*34mm
150W	DL-100H-V38P-MAS	100W	200-277V	20~38V	32-38V	1.9-3.5A	91%	0.95	6KV/15KV	151*56.5*34mm
	DL-100H-V58P-MAS	100W	200-277V	32~58V	42-58V	1.3-2.5A	91%	0.95	6KV/15KV	151*56.5*34mm
	DL-100H-V150P-MAS	100W	200-277V	71~150V	95-150V	0.5-1.05A	91%	0.95	6KV/15KV	151*56.5*34mm
	DL-150H-V38A-MAS	150W	200-277V	20-38V	32-38V	2.8-5A	91%	0.95	6KV/15KV	175*66.5*34mm
	DL-150H-V58A-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	91%	0.95	6KV/15KV	175*66.5*34mm
200W	DL-150H-V214A-MAS	150W	200-277V	95-214V	143-214V	0.5-1.05A	91%	0.95	6KV/15KV	175*66.5*34mm
	DL-150H-V38P-MAS	150W	200-277V	20-38V	32-38V	2.8-5A	91%	0.95	6KV/15KV	175*66.5*34mm
	DL-150H-V58P-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	91%	0.95	6KV/15KV	175*66.5*34mm
	DL-150H-V214P-MAS	150W	200-277V	95-214V	143-214V	0.5-1.05A	91%	0.95	6KV/15KV	175*66.5*34mm
	DL-200H-V38A-MAS	200W	200-277V	20-38V	32-38V	3.7-6.3A	91%	0.95	6KV/15KV	215*66.5*34mm
240W	DL-200H-V58A-MAS	200W	200-277V	32-58V	42-58V	2.4-4.8A	91%	0.95	6KV/15KV	215*66.5*34mm
	DL-200H-V286A-MAS	200W	200-277V	143-286V	190-286V	0.5-1.05A	91%	0.95	6KV/15KV	215*66.5*34mm
	DL-200H-V38P-MAS	200W	200-277V	20-38V	32-38V	3.7-6.3A	91%	0.95	6KV/15KV	215*66.5*34mm
	DL-200H-V58P-MAS	200W	200-277V	32-58V	42-58V	2.4-4.8A	91%	0.95	6KV/15KV	215*66.5*34mm
	DL-200H-V286P-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-MAS	240W	200-277V	20-38V	32-38V	5.2-7.5A	91%	0.95	6KV/15KV	225*71.5*34mm
	DL-240H-V58A-MAS	240W	200-277V	32-58V	42-58V	3.4-5.8A	91%	0.95	6KV/15KV	225*71.5*34mm
	DL-240H-V343A-MAS	240W	200-277V	171-343V	228-343V	0.5-1.05A	91%	0.95	6KV/15KV	225*71.5*34mm
	DL-240H-V38P-MAS	240W	200-277V	20-38V	32-38V	5.2-7.5A	91%	0.95	6KV/15KV	225*71.5*34mm
	DL-240H-V58P-MAS	240W	200-277V	32-58V	42-58V	3.4-5.8A	91%	0.95	6KV/15KV	225*71.5*34mm
DL-240H-V343P-MAS	240W	200-277V	171-343V	228-343V	0.5-1.05A	91%	0.95	6KV/15KV	225*71.5*34mm	



C-MAS SERIES

Double color temperature tunnel lighting LED driver

PRODUCT FEATURES

SAMPLE PRESENTATION



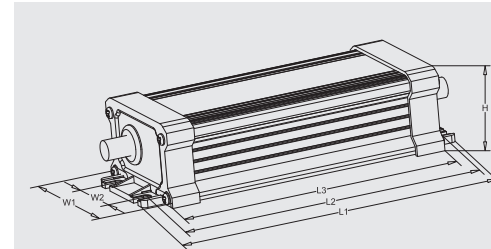
1. Rated input voltage:200-277V.
2. Output voltage:20-38Vdc/32-58Vdc , Constant power range:32-38Vdc/42-58Vdc.
3. Setting up double lines 0-10V dimming lighting and dimming color temperature function.
4. Efficiency up to 91%/High PF \geq 0.95/THD \leq 10%@230VAC Low THD interference.
5. Surge protection:4KV/6KV.
6. Protection level: IP65.
7. SCP/OTP/OVP/OCP/UVF protection.
8. Life time>50,000 hrs.And 5 years warranty.

Type C double color temperature dimming

Input Cable
 \varnothing 7.2 H05RN-F 3x1.0mm² x400mm

Output Cable
 \varnothing 6.8 H05RN-F 2x1.0mm² x300mm

Dimming Cable
 UL2517 / 22#AWG*270mm



The above is the manual measurement of the size, the error range \pm 1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
30W	108mm	104mm	98mm	51.5mm	24mm	30mm	300g	11.6kg	0.034m ³	32PCS
50W	118mm	114mm	108mm	51.5mm	24mm	30mm	326g	12.43kg	0.034m ³	32PCS
75W	147mm	138mm	129mm	56.5mm	26mm	34mm	457g	16.62kg	0.034m ³	32PCS
100W	161mm	152mm	143mm	56.5mm	26mm	34mm	506g	14.13kg	0.034m ³	24PCS
150W	185mm	175mm	167mm	66.5mm	36mm	34mm	680g	18.32kg	0.034m ³	24PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
30W	DL-30H-V38C-MAS	30W	200-277V	20-38V	32-38V	0.3-1A	89%	0.95	4KV/6KV	108*51.5*30mm
	DL-30H-V58C-MAS	30W	200-277V	32-58V	42-58V	0.2-0.75A	89%	0.95	4KV/6KV	108*51.5*30mm
50W	DL-50H-V38C-MAS	50W	200-277V	20-38V	32-38V	0.7-1.6A	89%	0.95	4KV/6KV	118*51.5*30mm
	DL-50H-V58C-MAS	50W	200-277V	32-58V	42-58V	0.5-1.2A	89%	0.95	4KV/6KV	118*51.5*30mm
75W	DL-75H-V38C-MAS	75W	200-277V	20-38V	32-38V	1.3-2.5A	90%	0.95	4KV/6KV	147*56.5*34mm
	DL-75H-V58C-MAS	75W	200-277V	32-58V	42-58V	0.9-1.8A	90%	0.95	4KV/6KV	147*56.5*34mm
100W	DL-100H-V38C-MAS	100W	200-277V	20-38V	32-38V	1.9-3.5A	91%	0.95	4KV/6KV	161*56.5*34mm
	DL-100H-V58C-MAS	100W	200-277V	32-58V	42-58V	1.3-2.5A	91%	0.95	4KV/6KV	161*56.5*34mm
150W	DL-150H-V38C-MAS	150W	200-277V	20-38V	32-38V	2.8-5A	91%	0.95	4KV/6KV	185*66.5*34mm
	DL-150H-V58C-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	91%	0.95	4KV/6KV	185*66.5*34mm



I-MAS SERIES

Indian standard EESL(440V) OVP LED driver

PRODUCT FEATURES

1. Rated input voltage:200-277Vac.
2. Output voltage:20-38Vdc/32-58Vdc , Constant and adjustable power@32-38Vdc/42-58Vdc.
3. Provide high output voltage and low current version,Current range:0.7~1.05A.
4. Efficiency up to 91%/High PF>0.9/THD<10%@230Vac.
5. Surge protection:50-75W: 4/6KV, 100W and above: 6/15KV.
6. Protection leve: IP67.
7. SCP/OTP/OVP/OCP protection.
8. Life time>50,000 hrs.And 5 years warranty.

HOT-SALE NEW PRODUCT



Type I India (EESL) version with input over voltage protection can survive input voltage stress of 440Vac for 48 hours

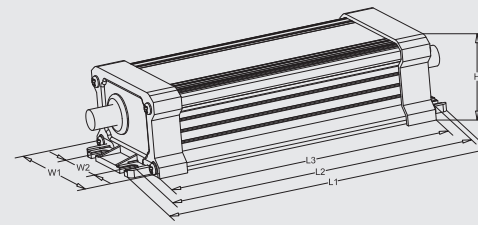
Input Cable
ø7.3 BIS 3x1.0mm² x400mm

Output Cable
ø6.9 BIS 2x1.0mm² x300mm

Dimming Cable
UL2517 / 22#AWG*270mm



	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
30W	98mm	94mm	88mm	51.5mm	24mm	30mm	275g	10.8kg	0.034m ³	32PCS
50W	108mm	104mm	98mm	51.5mm	24mm	30mm	320g	12.24kg	0.034m ³	32PCS
75W	137mm	128mm	119mm	56.5mm	26mm	34mm	420g	15.44kg	0.034m ³	32PCS
100W	151mm	142mm	133mm	56.5mm	26mm	34mm	475g	17.2kg	0.034m ³	32PCS
150W	175mm	165mm	157mm	66.5mm	36mm	34mm	638g	16.51kg	0.034m ³	24PCS
200W	215mm	206mm	197mm	66.5mm	36mm	34mm	802g	13.23kg	0.027m ³	15PCS
240W	225mm	216mm	207mm	71.5mm	41mm	34mm	901g	14.71kg	0.027m ³	15PCS



The above is the manual measurement of the size, the error range +1mm.

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
30W	DL-30I-V38A-MAS	30W	200-277V	20~38V	32-38V	0.3-1A	89%	0.9	4KV/6KV	98*51.5*30mm
	DL-30I-V58A-MAS	30W	200-277V	32~58V	42-58V	0.2-0.75A	89%	0.9	4KV/6KV	98*51.5*30mm
	DL-30I-V38P-MAS	30W	200-277V	20~38V	32-38V	0.3-1A	89%	0.9	4KV/6KV	98*51.5*30mm
	DL-30I-V58P-MAS	30W	200-277V	32~58V	42-58V	0.2-0.75A	89%	0.9	4KV/6KV	98*51.5*30mm
50W	DL-50I-V38A-MAS	50W	200-277V	20~38V	32-38V	0.7-1.6A	89%	0.9	4KV/6KV	118*51.5*30mm
	DL-50I-V58A-MAS	50W	200-277V	32~58V	42-58V	0.5-1.2A	89%	0.9	4KV/6KV	118*51.5*30mm
	DL-50I-V72A-MAS	50W	200-277V	36~72V	48-72V	0.5-1.05A	89%	0.9	4KV/6KV	118*51.5*30mm
	DL-50I-V38P-MAS	50W	200-277V	20~38V	32-38V	0.7-1.6A	89%	0.9	4KV/6KV	118*51.5*30mm
	DL-50I-V58P-MAS	50W	200-277V	32~58V	42-58V	0.5-1.2A	89%	0.9	4KV/6KV	118*51.5*30mm
	DL-50I-V72P-MAS	50W	200-277V	36~72V	48-72V	0.5-1.05A	89%	0.9	4KV/6KV	118*51.5*30mm
75W	DL-75I-V38A-MAS	75W	200-277V	20~38V	32-38V	1.3-2.5A	90%	0.9	4KV/6KV	137*56.5*34mm
	DL-75I-V58A-MAS	75W	200-277V	32~58V	42-58V	0.9-1.8A	90%	0.9	4KV/6KV	137*56.5*34mm
	DL-75I-V108A-MAS	75W	200-277V	54-108V	72-108V	0.5-1.05A	90%	0.9	4KV/6KV	137*56.5*34mm
	DL-75I-V38P-MAS	75W	200-277V	20~38V	32-38V	1.3-2.5A	90%	0.9	4KV/6KV	137*56.5*34mm
	DL-75I-V58P-MAS	75W	200-277V	32~58V	42-58V	0.9-1.8A	90%	0.9	4KV/6KV	137*56.5*34mm
100W	DL-100I-V38A-MAS	100W	200-277V	20~38V	32-38V	1.9-3.5A	91%	0.9	6KV/15KV	151*56.5*34mm
	DL-100I-V58A-MAS	100W	200-277V	32~58V	42-58V	1.3-2.5A	91%	0.9	6KV/15KV	151*56.5*34mm
	DL-100I-V150A-MAS	100W	200-277V	71~150V	95-150V	0.5-1.05A	91%	0.9	6KV/15KV	151*56.5*34mm
	DL-100I-V38P-MAS	100W	200-277V	20~38V	32-38V	1.9-3.5A	91%	0.9	6KV/15KV	151*56.5*34mm
	DL-100I-V58P-MAS	100W	200-277V	32~58V	42-58V	1.3-2.5A	91%	0.9	6KV/15KV	151*56.5*34mm
150W	DL-150I-V38A-MAS	150W	200-277V	20-38V	32-38V	2.8-5A	91%	0.9	6KV/15KV	175*66.5*34mm
	DL-150I-V58A-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	91%	0.9	6KV/15KV	175*66.5*34mm
	DL-150I-V214A-MAS	150W	200-277V	95-214V	143-214V	0.5-1.05A	91%	0.9	6KV/15KV	175*66.5*34mm
	DL-150I-V38P-MAS	150W	200-277V	20-38V	32-38V	2.8-5A	91%	0.9	6KV/15KV	175*66.5*34mm
	DL-150I-V58P-MAS	150W	200-277V	32-58V	42-58V	1.8-3.6A	91%	0.9	6KV/15KV	175*66.5*34mm
200W	DL-200I-V38A-MAS	200W	200-277V	20-38V	32-38V	3.7-6.3A	91%	0.9	6KV/15KV	215*66.5*34mm
	DL-200I-V58A-MAS	200W	200-277V	32-58V	42-58V	2.4-4.8A	91%	0.9	6KV/15KV	215*66.5*34mm
	DL-200I-V286A-MAS	200W	200-277V	143-286V	190-286V	0.5-1.05A	91%	0.9	6KV/15KV	215*66.5*34mm
	DL-200I-V38P-MAS	200W	200-277V	20-38V	32-38V	3.7-6.3A	91%	0.9	6KV/15KV	215*66.5*34mm
	DL-200I-V58P-MAS	200W	200-277V	32-58V	42-58V	2.4-4.8A	91%	0.9	6KV/15KV	215*66.5*34mm
240W	DL-240I-V38A-MAS	240W	200-277V	20-38V	32-38V	5.2-7.5A	91%	0.9	6KV/15KV	225*71.5*34mm
	DL-240I-V58A-MAS	240W	200-277V	32-58V	42-58V	3.4-5.8A	91%	0.9	6KV/15KV	225*71.5*34mm
	DL-240I-V343A-MAS	240W	200-277V	171-343V	228-343V	0.5-1.05A	91%	0.9	6KV/15KV	225*71.5*34mm
	DL-240I-V38P-MAS	240W	200-277V	20-38V	32-38V	5.2-7.5A	91%	0.9	6KV/15KV	225*71.5*34mm
	DL-240I-V58P-MAS	240W	200-277V	32-58V	42-58V	3.4-5.8A	91%	0.9	6KV/15KV	225*71.5*34mm
DL-240I-V343P-MAS	240W	200-277V	171-343V	228-343V	0.5-1.05A	91%	0.9	6KV/15KV	225*71.5*34mm	

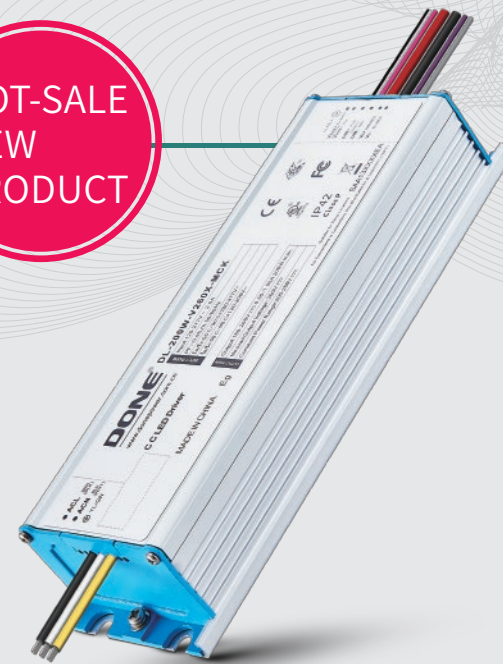


MCK SERIES

IP42 built-in Non-isolated LED driver

PRODUCT FEATURES

HOT-SALE
NEW
PRODUCT



1. Rated input voltage:120-277Vac.
2. Output voltage:180-260Vdc,constant power voltage range@200-260V.
Efficiency up to 95.5%/High PF \geq 0.95/THD \leq 10%@230VAC
3. Low THD interference.
4. Surge protection:6KV/10KV.
5. Protection leve: IP42.
6. SCP/OTP/OVP/OCP/UVp protection.
7. Life time>50,000 hrs.And 5 years warranty.

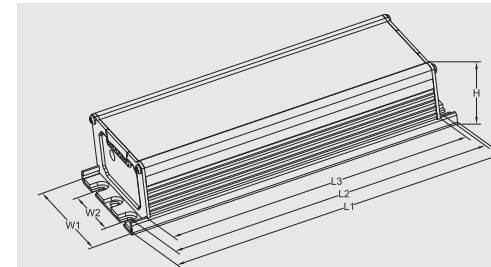
Type A potentiometer adjustment Type S three in one dimming version Type X 12V auxiliary output version

输入线材 / Input Cable
UL1015 18#AWG \varnothing 2.8

输出线材 / Output Cable
UL1015 18#AWG \varnothing 2.8

调光线材 / Dimming Cable
UL1015 22#AWG

CE / UL / SAA / / FC / CLASS P



The above is the manual measurement of the size, the error range \pm 1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
120W	150mm	142mm	133mm	57mm	32mm	32mm	370g	13.84kg	0.034m ³	32PCS
150W	150mm	142mm	133mm	57mm	32mm	32mm	410g	15.12kg	0.034m ³	32PCS
200W	173mm	165mm	156mm	57mm	32mm	37mm	580g	20.56kg	0.034m ³	32PCS
240W	173mm	165mm	133mm	57mm	32mm	37mm	580g	20.56kg	0.034m ³	32PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
120W	DL-120W-V260A-MCK	120W	120-277V	180~260V	200-260V	0.25-0.6A	94.5%	0.95	6KV/10KV	150*57*32mm
	DL-120W-V260S-MCK	120W	120-277V	180~260V	200-260V	0.25-0.6A	94.5%	0.95	6KV/10KV	150*57*32mm
	DL-120W-V260X-MCK	120W	120-277V	180~260V	200-260V	0.25-0.6A	94.5%	0.95	6KV/10KV	150*57*32mm
150W	DL-150W-V260A-MCK	150W	120-277V	180~260V	200-260V	0.4-0.75A	94.5%	0.95	6KV/10KV	150*57*32mm
	DL-150W-V260S-MCK	150W	120-277V	180~260V	200-260V	0.4-0.75A	94.5%	0.95	6KV/10KV	150*57*32mm
	DL-150W-V260X-MCK	150W	120-277V	180~260V	200-260V	0.4-0.75A	94.5%	0.95	6KV/10KV	150*57*32mm
200W	DL-200W-V260A-MCK	200W	120-277V	180~260V	200-260V	0.55-1.05A	95.5%	0.95	6KV/10KV	173*57*37mm
	DL-200W-V260S-MCK	200W	120-277V	180~260V	200-260V	0.55-1.05A	95.5%	0.95	6KV/10KV	173*57*37mm
	DL-200W-V260X-MCK	200W	120-277V	180~260V	200-260V	0.55-1.05A	95.5%	0.95	6KV/10KV	173*57*37mm
240W	DL-240W-V260A-MCK	240W	120-277V	180~260V	200-260V	0.75-1.25A	95.5%	0.95	6KV/10KV	173*57*37mm
	DL-240W-V260S-MCK	240W	120-277V	180~260V	200-260V	0.75-1.25A	95.5%	0.95	6KV/10KV	173*57*37mm
	DL-240W-V260X-MCK	240W	120-277V	180~260V	200-260V	0.75-1.25A	95.5%	0.95	6KV/10KV	173*57*37mm





OUTDOOR LIGHTING
LED DRIVER

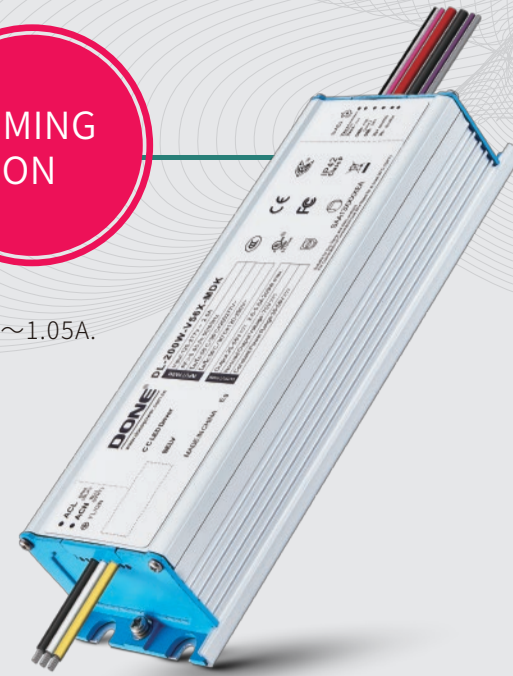
MDK SERIES

IP42 built-in Offline Programmable LED driver

PRODUCT FEATURES

1. Rated input voltage:120-277Vac.
2. Output voltage:25-56V,constant power voltage:36-56V.
3. Provide high output voltage and low current version,Current range:0.7~1.05A.
4. Efficiency up to 94%/High PF \geq 0.95/THD \leq 10%@230VAC
Low THD interference.
5. Surge protection:6KV/10KV.
6. Protection level: IP42.
7. SCP/OTP/OVP/OCP/UVP protection.
8. Life time>50,000 hrs.And 5 years warranty.

COMING
SOON



Type A potentiometer adjustment	Type P programming version	Type X 12V auxiliary output version
Input Cable UL1015 18#AWG \varnothing 2.8	Output Cable UL1015 18#AWG \varnothing 2.8	Dimming Cable UL1015 22#AWG




The above is the manual measurement of the size, the error range \pm 1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
30W	110mm	102mm	93mm	57mm	32mm	32mm	333g	12.66kg	0.034m ³	32PCS
50W	110mm	102mm	93mm	57mm	32mm	32mm	333g	12.66kg	0.034m ³	32PCS
75W	138mm	130mm	121mm	57mm	32mm	32mm	400g	11.6kg	0.027m ³	24PCS
100W	153mm	145mm	136mm	57mm	32mm	32mm	446g	12.69kg	0.027m ³	24PCS
150W	186mm	178mm	169mm	57mm	32mm	32mm	590g	11.82kg	0.027m ³	18PCS
200W	199mm	191mm	181mm	57mm	32mm	32mm	690g	11.55kg	0.027m ³	15PCS
240W	217mm	209mm	200mm	57mm	32mm	32mm	730g	12.15kg	0.027m ³	15PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
30W	DL-30W-V56A-MDK	30W	120-277V	25-56V	30-56V	0.33-1A	88%	0.95	6KV/10KV	110*57*32mm
	DL-30W-V56P-MDK	30W	120-277V	25-56V	30-56V	0.33-1A	88%	0.95	6KV/10KV	110*57*32mm
	DL-30W-V56X-MDK	30W	120-277V	25-56V	30-56V	0.33-1A	88%	0.95	6KV/10KV	110*57*32mm
50W	DL-50W-V56A-MDK	50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.95	6KV/10KV	110*57*32mm
	DL-50W-V72A-MDK	50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6KV/10KV	110*57*32mm
	DL-50W-V56P-MDK	50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.95	6KV/10KV	110*57*32mm
	DL-50W-V72P-MDK	50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6KV/10KV	110*57*32mm
	DL-50W-V56X-MDK	50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.95	6KV/10KV	110*57*32mm
DL-50W-V72X-MDK	50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.95	6KV/10KV	110*57*32mm	
75W	DL-75W-V56A-MDK	75W	120-277V	25-56V	30-56V	0.9-2.3A	90%	0.95	6KV/10KV	138*57*32mm
	DL-75W-V108A-MDK	75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	6KV/10KV	138*57*32mm
	DL-75W-V56P-MDK	75W	120-277V	25-56V	30-56V	0.9-2.3A	90%	0.95	6KV/10KV	138*57*32mm
	DL-75W-V108P-MDK	75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	6KV/10KV	138*57*32mm
	DL-75W-V56X-MDK	75W	120-277V	25-56V	30-56V	0.9-2.3A	90%	0.95	6KV/10KV	138*57*32mm
DL-75W-V108X-MDK	75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.95	6KV/10KV	138*57*32mm	
100W	DL-100W-V56A-MDK	100W	120-277V	25-56V	36-56V	1.3-2.8A	91%	0.95	6KV/10KV	153*57*32mm
	DL-100W-V143A-MDK	100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6KV/10KV	153*57*32mm
	DL-100W-V56P-MDK	100W	120-277V	25-56V	36-56V	1.3-2.8A	91%	0.95	6KV/10KV	153*57*32mm
	DL-100W-V143P-MDK	100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6KV/10KV	153*57*32mm
	DL-100W-V56X-MDK	100W	120-277V	25-56V	36-56V	1.3-2.8A	91%	0.95	6KV/10KV	153*57*32mm
DL-100W-V143X-MDK	100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.95	6KV/10KV	153*57*32mm	
150W	DL-150W-V56A-MDK	150W	120-277V	25-56V	36-56V	1.8-4.2A	93%	0.95	6KV/10KV	186*57*32mm
	DL-150W-V214A-MDK	150W	120-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6KV/10KV	186*57*32mm
	DL-150W-V56P-MDK	150W	120-277V	25-56V	36-56V	1.8-4.2A	93%	0.95	6KV/10KV	186*57*32mm
	DL-150W-V214P-MDK	150W	120-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6KV/10KV	186*57*32mm
	DL-150W-V56X-MDK	150W	120-277V	25-56V	36-56V	1.8-4.2A	93%	0.95	6KV/10KV	186*57*32mm
DL-150W-V214X-MDK	150W	120-277V	95-214V	143-214V	0.5-1.05A	93%	0.95	6KV/10KV	186*57*32mm	
200W	DL-200W-V56A-MDK	200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.95	6KV/10KV	199*57*32mm
	DL-200W-V286A-MDK	200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.95	6KV/10KV	199*57*32mm
	DL-200W-V56P-MDK	200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.95	6KV/10KV	199*57*32mm
	DL-200W-V286P-MDK	200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.95	6KV/10KV	199*57*32mm
	DL-200W-V56X-MDK	200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.95	6KV/10KV	199*57*32mm
DL-200W-V286X-MDK	200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.95	6KV/10KV	199*57*32mm	
240W	DL-240W-V56A-MDK	240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/10KV	217*57*32mm
	DL-240W-V343A-MDK	240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/10KV	217*57*32mm
	DL-240W-V56P-MDK	240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/10KV	217*57*32mm
	DL-240W-V343P-MDK	240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/10KV	217*57*32mm
	DL-240W-V56X-MDK	240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.95	6KV/10KV	217*57*32mm
DL-240W-V343X-MDK	240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.95	6KV/10KV	217*57*32mm	



OUTDOOR LIGHTING
LED DRIVER

MUG SERIES

Super high voltage input Offline Programmable LED driver

PRODUCT FEATURES

1. Rated input voltage: 277~480Vac.
2. Output voltage: 25-56V, constant power voltage: 36-56V.
3. Provide high output voltage and low current version, Current range: 0.7~1.05A.
4. High efficiency up to 94%/Power factor 0.95/THD<10%.
5. Surge protection: 6KV/10KV.
6. Protection level: IP67.
7. SCP/OTP/OVP/OVP/UVI protection function.
8. Life time>50,000 hrs. And 5 years warranty.

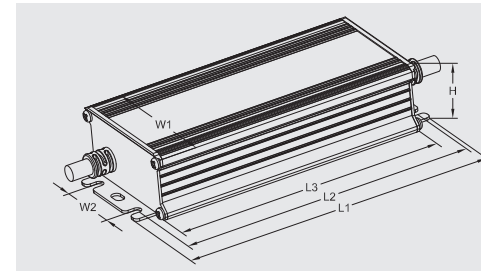
HOT-SALE
NEW
PRODUCT



Type P programming version Type D DALI 2.0 version

Input Cable: Ø9.4 SOW 3x18AWGx400mm Output Cable: Ø7.7 SJOW 17AWG H05RN-F 2x1.0mm² x300mm Dimming Cable: UL2517 22#AWG*270mm

CE / UL / E479166 / FC / CLASS P



The above is the manual measurement of the size, the error range +-1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
100W	200mm	190mm	180mm	68mm	36mm	37mm	917g	24.01kg	0.034m ³	24PCS
150W	200mm	190mm	180mm	68mm	36mm	37mm	917g	24.01kg	0.034m ³	24PCS
240W	230mm	220mm	210mm	68mm	36mm	37mm	1256g	20.04kg	0.027m ³	15PCS
320W	244mm	235mm	224mm	83mm	50mm	40mm	-g	-kg	0.027m ³	12PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
100W	DL-100U-V56P-MUG	100W	277-480V	25-56V	36-56V	0.8-2.8A	91%	0.95	6KV/10KV	200*68*37mm
	DL-100U-V143P-MUG	100W	277-480V	47-143V	95-143V	0.7-1.05A	91%	0.95	6KV/10KV	200*68*37mm
150W	DL-150U-V56P-MUG	150W	277-480V	25-56V	36-56V	1.7-4.2A	92%	0.95	6KV/10KV	200*68*37mm
	DL-150U-V214P-MUG	150W	277-480V	95-214V	143-214V	0.7-1.05A	92%	0.95	6KV/10KV	200*68*37mm
240W	DL-240U-V56P-MUG	240W	277-480V	25-56V	36-56V	2.6-6.7A	93%	0.95	6KV/10KV	230*68*37mm
	DL-240U-V343P-MUG	240W	277-480V	142-343V	228-343V	0.7-1.05A	93%	0.95	6KV/10KV	230*68*37mm
320W	DL-320U-V56P-MUG	320W	277-480V	25-56V	36-56V	4.2-9.0A	94%	0.95	6KV/10KV	244*83*40mm
	DL-320U-V458P-MUG	320W	277-480V	228-458V	304-458V	0.7-1.05A	94%	0.95	6KV/10KV	244*83*40mm





SMART STREET LIGHTING LED DRIVER

MNG-N SERIES

NB-IOT Smart lighting LED driver

PRODUCT FEATURES

COMING SOON

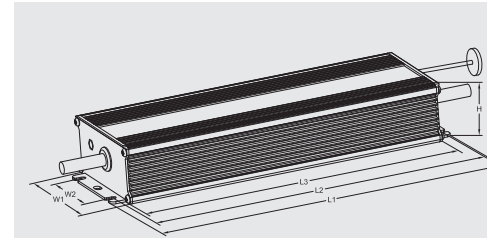


1. Rated input voltage:200-277V.
2. Ouput voltage:25-56V,constant power voltage:36-56V.
3. Provide high output voltage and low current version,Current range:0.7~1.05A.
4. High efficiency up to 94%/Power factor 0.97/THD<7%.
5. Product with NB-IOT communication module.
6. Product with innovative application NFC, button to adjust current.
7. Surge protection 6-15KV, Protection leve: IP67.
8. SCP/OTP/OVP/OVP/UVP protection function.
9. Life time>50,000 hrs.And 5 years warranty.

Input Cable
Ø7.2 H05RN-F 3x1.0mm² x400mm

Output Cable
Ø6.8 H05RN-F 2x1.0mm² x300mm

Dimming Cable
UL2517 / 22#AWG*270mm



The above is the manual measurement of the size, the error range ±1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
100W	162mm	152mm	142mm	62mm	36mm	32mm	-g	-kg	-m ³	-PCS
150W	175mm	165mm	155mm	62mm	36mm	32mm	-g	-kg	-m ³	-PCS
200W	190mm	180mm	170mm	62mm	36mm	37mm	-g	-kg	-m ³	-PCS
240W	210mm	200mm	190mm	62mm	36mm	37mm	-g	-kg	-m ³	-PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
100W	DL-100H-V56N-MNG	75-100W	200-277V	25-56V	36-56V	1.3-2.8A	91%	0.97	6KV/15KV	162*62*32mm
	DL-100H-V143N-MNG	75-100W	200-277V	71-143V	95-143V	0.5-1.05A	91%	0.97	6KV/15KV	162*62*32mm
150W	DL-150H-V56N-MNG	100-150W	200-277V	25-56V	36-56V	1.8-4.2A	93%	0.97	6KV/15KV	175*62*32mm
	DL-150H-V214N-MNG	100-150W	200-277V	95-214V	143-214V	0.5-1.05A	93%	0.97	6KV/15KV	175*62*32mm
200W	DL-200H-V56N-MNG	150-200W	200-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.97	6KV/15KV	190*62*37mm
	DL-200H-V286N-MNG	150-200W	200-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.97	6KV/15KV	190*62*37mm
240W	DL-240H-V56N-MNG	200-240W	200-277V	25-56V	36-56V	3.5-6.7A	94%	0.97	6KV/15KV	210*62*37mm
	DL-240H-V343N-MNG	200-240W	200-277V	171-343V	228-343V	0.5-1.05A	94%	0.97	6KV/15KV	210*62*37mm





SMART STREET LIGHTING LED DRIVER

MNG-D SERIES

DALI-D4I Smart lighting LED driver

PRODUCT FEATURES

1. Rated input voltage:120-277Vac.
2. Output voltage:25-56V,constant power voltage:36-56V.
3. Provide high output voltage and low current version,Current range:0.7~1.05A.
4. Efficiency up to 94%/High PF \geq 0.97/THD \leq 7%@230VAC Low THD interference.
5. One-button off line programmable and support DALI 2.0 and DIIA control protocol function 2in1 outdoor constant current LED driver.
6. Product with innovative application NFC, button to adjust current, including 24V 150mA constant voltage auxiliary output,comply with the latest EU regulation ERP,stand-by power consumption \leq 0.5W(No load).
7. Surge protection:6KV/10KV, Protection level: IP67.
8. SCP/OTP/OVP/OCP/UVP protection.
9. Life time>50,000 hrs.And 5 years warranty.

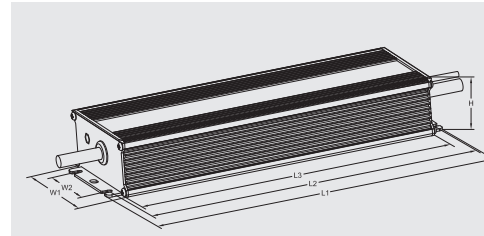
COMING SOON



Input Cable
Ø7.2 H05RN-F 3x1.0mm² x400mm

Output Cable
Ø6.8 H05RN-F 2x1.0mm² x300mm

Dimming Cable
UL2517 / 22#AWG*270mm



The above is the manual measurement of the size, the error range +1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
50W	100mm	-mm	-mm	63mm	-mm	37mm	-g	-kg	-m ³	-PCS
75W	125mm	-mm	-mm	63mm	-mm	37mm	-g	-kg	-m ³	-PCS
100W	162mm	-mm	-mm	62mm	-mm	32mm	-g	-kg	-m ³	-PCS
150W	175mm	-mm	-mm	62mm	-mm	32mm	-g	-kg	-m ³	-PCS
200W	190mm	-mm	-mm	62mm	-mm	37mm	-g	-kg	-m ³	-PCS
240W	210mm	-mm	-mm	62mm	-mm	37mm	-g	-kg	-m ³	-PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
50W	DL-50W-V56D-MNG	25-50W	120-277V	25-56V	30-56V	0.6-1.7A	89%	0.97	6KV/15KV	100*63*37mm
	DL-50W-V72D-MNG	25-50W	120-277V	36-72V	48-72V	0.5-1.05A	89%	0.97	6KV/15KV	100*63*37mm
75W	DL-75W-V56D-MNG	50-75W	120-277V	25-56V	30-56V	0.9-2.3A	90%	0.97	6KV/15KV	125*63*37mm
	DL-75W-V108D-MNG	50-75W	120-277V	54-108V	72-108V	0.5-1.05A	90%	0.97	6KV/15KV	125*63*37mm
100W	DL-100W-V56D-MNG	75-100W	120-277V	25-56V	36-56V	1.3-2.8A	91%	0.97	6KV/15KV	162*63*32mm
	DL-100W-V143D-MNG	75-100W	120-277V	71-143V	95-143V	0.5-1.05A	91%	0.97	6KV/15KV	162*63*32mm
150W	DL-150W-V56D-MNG	100-150W	120-277V	25-56V	36-56V	1.8-4.2A	92%	0.97	6KV/15KV	175*63*32mm
	DL-150W-V214D-MNG	100-150W	120-277V	95-214V	143-214V	0.5-1.05A	92%	0.97	6KV/15KV	175*63*32mm
200W	DL-200W-V56D-MNG	150-200W	120-277V	25-56V	36-56V	2.6-5.6A	93.5%	0.97	6KV/15KV	190*63*37mm
	DL-200W-V286D-MNG	150-200W	120-277V	143-286V	190-286V	0.5-1.05A	93.5%	0.97	6KV/15KV	190*63*37mm
240W	DL-240W-V56D-MNG	200-240W	120-277V	25-56V	36-56V	3.5-6.7A	94%	0.97	6KV/15KV	210*63*37mm
	DL-240W-V343D-MNG	200-240W	120-277V	171-343V	228-343V	0.5-1.05A	94%	0.97	6KV/15KV	210*63*37mm





OUTDOOR LIGHTING LED DRIVER



MTG SERIES

Class 2 LED driver

PRODUCT FEATURES

HOT-SALE
NEW
PRODUCT



1. Rated input voltage:120-277Vac.
2. Output voltage:25-48Vdc.
3. Efficiency up to 91%/High PF \geq 0.95/THD \leq 10%@230VAC Low THD interference.
4. Surge protection:6KV/10KV.
5. Protection leve: IP65.
6. SCP/OTP/OVP/OCP/UVP protection.
7. Life time>50,000 hrs.And 5 years warranty.

Type S three in one dimming version

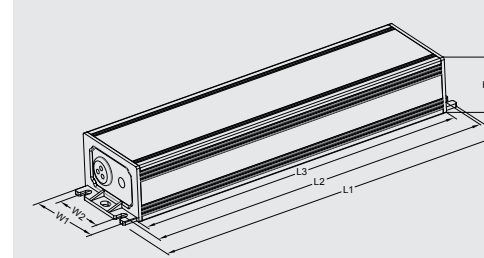
Type X 12V auxiliary output version

Input Cable
UL1015 18#AWG \varnothing 2.8

Output Cable
UL1015 18#AWG \varnothing 2.8

Dimming Cable
UL1015 22#AWG

CE / CCC / SAA / ENEC / UL / cUL US E479166 / FC / CLASS P



The above is the manual measurement of the size, the error range +1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
30W	157mm	149mm	141mm	48mm	32mm	31.5mm	490g	17.68kg	0.034m ³	32PCS
50W	157mm	149mm	141mm	48mm	32mm	31.5mm	490g	17.68kg	0.034m ³	32PCS
75W	175mm	167mm	159mm	48mm	32mm	31.5mm	533g	19.06kg	0.034m ³	32PCS
100W	206mm	198mm	190mm	48mm	32mm	31.5mm	640g	14.8kg	0.034m ³	20PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
30W	DL-30W-V48S-MTG	15-30W	120-277V	25-48V	30-48V	0.3-1A	89%	0.95	6KV/10KV	158*48*31.5mm
	DL-30W-V48X-MTG	15-30W	120-277V	25-48V	30-48V	0.3-1A	89%	0.95	6KV/10KV	158*48*31.5mm
50W	DL-50W-V48S-MTG	30-50W	120-277V	25-48V	30-48V	0.6-1.67A	89%	0.95	6KV/10KV	158*48*31.5mm
	DL-50W-V48X-MTG	30-50W	120-277V	25-48V	30-48V	0.6-1.67A	89%	0.95	6KV/10KV	158*48*31.5mm
75W	DL-75W-V48S-MTG	30-50W	120-277V	25-48V	30-48V	1.0-2.5A	90%	0.95	6KV/10KV	176*48*31.5mm
	DL-75W-V48X-MTG	30-50W	120-277V	25-48V	30-48V	1.0-2.5A	90%	0.95	6KV/10KV	176*48*31.5mm
100W	DL-100W-V48S-MTG	30-50W	120-277V	25-48V	30-48V	1.5-3.4A	91%	0.95	6KV/10KV	206*48*31.5mm
	DL-100W-V48X-MTG	30-50W	120-277V	25-48V	30-48V	1.5-3.4A	91%	0.95	6KV/10KV	206*48*31.5mm





SQUARE/PLANT LIGHTING LED DRIVER

MXG SERIES

Ultra big power Square/Plant lighting LED driver

PRODUCT FEATURES

SAMPLE PRESENTATION



1. Rated input voltage:120-277V.
2. Provide standard output voltage version:25-56Vdc,Constant and adjustable power@42-56Vdc.
3. compatible with DALI 2.0 fuction module, NTC function optional, and conventional outlet and built-in dimmer two configurations are optional.
4. Efficiency up to 96%/High PF \geq 0.97/THD \leq 7%.
5. Surge protection:6/15KV.
6. Protection leve: IP67.
7. SCP/OTP/OVP/OCP/UVP protection.
8. Life time>70,000 hrs.And 5 years warranty.

Type J programmable network port version

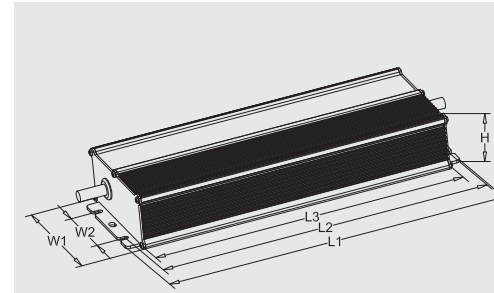
Type X 12V auxiliary output version

Type T NTC external over temperature protection version

Input Cable
Ø8.2 SJOW 17AWG H05RN-F 3x1.0mm² x400mm

Output Cable
Ø7.7 H05RN-F 2x1.0mm² x300mm
Ø9.0 SJOW 2x14AWGx300mm

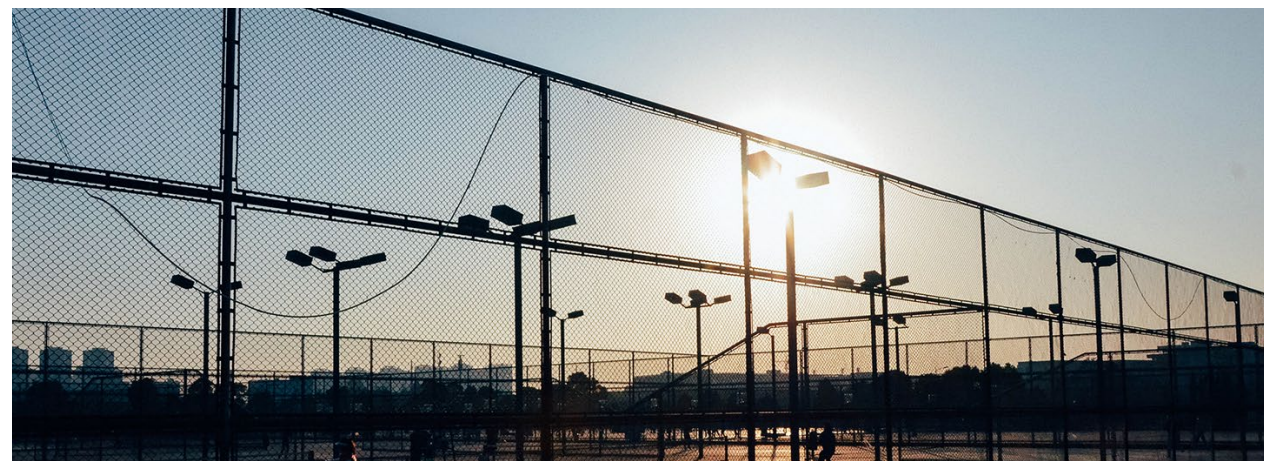
Dimming Cable
UL21996 22#AWG*270mm



The above is the manual measurement of the size, the error range +-1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
320W	244mm	234mm	224mm	83mm	50mm	40mm	1540g	20.48kg	0.027m ³	12PCS
500W(X)	266mm	256mm	246mm	95mm	50mm	44mm	2035g	13.21kg	0.031m ³	6PCS
500W(J)	286mm	276mm	266mm	95mm	50mm	44mm	-g	-kg	-m ³	-PCS
600W	280mm	269mm	258mm	130mm	97mm	45mm	3150g	19.9kg	0.031m ³	6PCS
680W(X)	346mm	336mm	326mm	95mm	50mm	44mm	3480g	21.88kg	0.031m ³	6PCS
680W(J)	366mm	356mm	346mm	95mm	50mm	44mm	-g	-kg	-m ³	-PCS
720W	310mm	299mm	288mm	130mm	97mm	45mm	3480g	21.88kg	0.031m ³	6PCS
750W(X)	396mm	386mm	376mm	95mm	50mm	44mm	3530g	22.18kg	0.031m ³	6PCS
750W(J)	416mm	406mm	396mm	95mm	50mm	44mm	-g	-kg	-m ³	-PCS
1200W	310mm	299mm	288mm	130mm	97mm	45mm	-g	-kg	-m ³	-PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
500W	DL-500W-V56X/T-MXG	320-500W	120-277V	25-56V	46-56V	5.7-10.8A	94%	0.97	6KV/15KV	266*95*44mm
	DL-500W-V56J/T-MXG	320-500W	120-277V	25-56V	46-56V	5.7-10.8A	94%	0.97	6KV/15KV	286*95*44mm
	DL-500W-V428X/T-MXG	320-500W	120-277V	228-428V	357-428V	0.75-1.4A	94%	0.97	6KV/15KV	266*95*44mm
	DL-500W-V428J/T-MXG	320-500W	120-277V	228-428V	357-428V	0.75-1.4A	94%	0.97	6KV/15KV	286*95*44mm
600W	DL-600W-V56X/T-MXG	400-600W	120-277V	25-56V	46-56V	7.1-13A	95%	0.97	6KV/15KV	280*130*45mm
	DL-600W-V428X/T-MXG	400-600W	120-277V	276-428V	342-428V	1.4-1.75A	95%	0.97	6KV/15KV	280*130*45mm
680W	DL-680W-V56X/T-MXG	500-680W	120-277V	25-56V	46-56V	8.9-16.2A	95%	0.97	6KV/15KV	346*95*44mm
	DL-680W-V56J/T-MXG	500-680W	120-277V	25-56V	46-56V	8.9-16.2A	95%	0.97	6KV/15KV	366*95*44mm
	DL-680W-V389X/T-MXG	500-680W	120-277V	238-389V	285-389V	1.75-2.1A	95%	0.97	6KV/15KV	346*95*44mm
	DL-680W-V389J/T-MXG	500-680W	120-277V	238-389V	285-389V	1.75-2.1A	95%	0.97	6KV/15KV	366*95*44mm
720W	DL-720W-V56X/T-MXG	600-720W	120-277V	25-56V	46-56V	10.7-15.7A	95%	0.97	6KV/15KV	310*130*45mm
	DL-720W-V428X/T-MXG	600-720W	120-277V	285-343V	342-428V	1.75-2.1A	95%	0.97	6KV/15KV	310*130*45mm
750W	DL-750W-V56X/T-MXG	650-750W	120-277V	25-56V	46-56V	11.6-16.3A	96%	0.97	6KV/15KV	396*95*44mm
	DL-750W-V56J/T-MXG	650-750W	120-277V	25-56V	46-56V	11.6-16.3A	96%	0.97	6KV/15KV	416*95*44mm
	DL-750W-V428X/T-MXG	650-750W	120-277V	323-428V	357-428V	1.75-2.1A	96%	0.97	6KV/15KV	396*95*44mm
	DL-750W-V428J/T-MXG	650-750W	120-277V	323-428V	357-428V	1.75-2.1A	96%	0.97	6KV/15KV	416*95*44mm
1200W	DL-1200W-V220X/T-MXG	600-1200W	120-277V	80-220V	160-220V	2.7-7.5A	96%	0.97	6KV/15KV	310*130*45mm
	DL-1200W-V220J/T-MXG	600-1200W	120-277V	80-220V	160-220V	2.7-7.5A	96%	0.97	6KV/15KV	310*130*45mm





SQUARE/PLANT LIGHTING LED DRIVER



PLS SERIES

Non-isolated Ultra big power Square/Plant lighting LED driver

PRODUCT FEATURES



1. Rated input voltage:120-277Vac.
2. Output voltage:180-260Vdc,constant power voltage range@200-260V.
3. Efficiency up to 97%/High PF \geq 0.98/THD \leq 10%@230VAC
Low THD interference.
4. Surge protection:4/6KV.
5. Protection leve: IP67.
6. SCP/OTP/OVP/OCP/UVp protection.
7. Life time>50,000 hrs.And 5 years warranty.

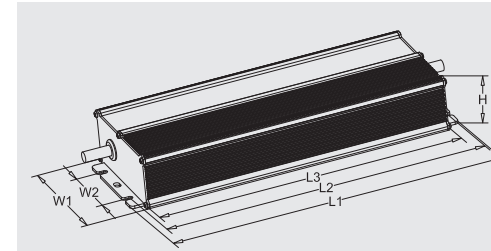
Type J programmable network port version

Type X 12V auxiliary output version

Input Cable
Ø8.2 SJOW 17AWG H05RN-F 3x1.0mm² x400mm

Output Cable
Ø7.7 H05RN-F 2x1.0mm² x300mm

Dimming Cable
UL21996 22#AWG*270mm



The above is the manual measurement of the size, the error range \pm 1mm.

	Product Size						Boxing Information			
	L1	L2	L3	W1	W2	H	Weight	Packing Weight	Packing volume	Quantity of boxes
320W	236mm	226mm	216mm	68mm	50mm	37mm	-g	-kg	0.027m ³	15PCS
400W	236mm	226mm	216mm	68mm	50mm	37mm	-g	-kg	0.027m ³	15PCS
500W	236mm	226mm	216mm	83mm	50mm	40mm	-g	-kg	0.027m ³	12PCS
650W	246mm	236mm	226mm	95mm	50mm	44mm	1916g	12.5kg	0.034m ³	6PCS
800W	266mm	256mm	246mm	95mm	50mm	44mm	2160g	13.96kg	0.034m ³	6PCS
960W	316mm	306mm	296mm	95mm	50mm	44mm	-g	-kg	0.034m ³	6PCS
1200W	366mm	356mm	346mm	95mm	50mm	44mm	-g	-kg	-m ³	-PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
320W	DL-320W-V260X-PLS	320W	120-277V	180-260V	200-260V	0.9-1.6A	96%	0.98	4KV/6KV	236*68*37mm
	DL-320W-V260J-PLS	320W	120-277V	180-260V	200-260V	0.9-1.6A	96%	0.98	4KV/6KV	236*68*37mm
400W	DL-400W-V260X-PLS	400W	120-277V	180-260V	200-260V	1.2-2A	96%	0.98	4KV/6KV	236*68*37mm
	DL-400W-V260J-PLS	400W	120-277V	180-260V	200-260V	1.2-2A	96%	0.98	4KV/6KV	236*68*37mm
500W	DL-500W-V260X-PLS	500W	120-277V	180-260V	200-260V	1.2-2.5A	97%	0.98	4KV/6KV	236*83*40mm
	DL-500W-V260J-PLS	500W	120-277V	180-260V	200-260V	1.2-2.5A	97%	0.98	4KV/6KV	236*83*40mm
680W	DL-680W-V260X-PLS	680W	120-277V	180-260V	200-260V	1.9-3.4A	97%	0.98	4KV/6KV	246*95*44mm
	DL-680W-V260J-PLS	680W	120-277V	180-260V	200-260V	1.9-3.4A	97%	0.98	4KV/6KV	246*95*44mm
800W	DL-800W-V260X-PLS	800W	120-277V	180-260V	200-260V	2.5-4.0A	97%	0.98	4KV/6KV	266*95*44mm
	DL-800W-V260J-PLS	800W	120-277V	180-260V	200-260V	2.5-4.0A	97%	0.98	4KV/6KV	266*95*44mm
960W	DL-960W-V260X-PLS	960W	120-277V	180-260V	200-260V	3.0-4.8A	97%	0.98	4KV/6KV	316*95*44mm
	DL-960W-V260J-PLS	960W	120-277V	180-260V	200-260V	3.0-4.8A	97%	0.98	4KV/6KV	316*95*44mm
1200W	DL-1200W-V260X-PLS	1200W	120-277V	180-260V	200-260V	3.7-6A	97.5%	0.98	4KV/6KV	366*95*44mm
	DL-1200W-V260J-PLS	1200W	120-277V	180-260V	200-260V	3.7-6A	97.5%	0.98	4KV/6KV	366*95*44mm





INDUSTRIAL LIGHTING
LED DRIVER

SPF SERIES

Non-isolated industrial lighting LED driver

PRODUCT FEATURES

HOT-SALE
NEW
PRODUCT

1. Rated input voltage:120-277Vac.
2. Output voltage:180-260Vdc,constant power voltage range@200-260V.
3. Efficiency up to 95.5%/High PF \geq 0.95/THD \leq 10%@230VAC Low THD interference.
4. Surge protection:4/4KV.
5. Protection level: IP65.
6. SCP/OTP/OVP/OCP protection .
7. Life time>50,000 hrs.And 5 years warranty.



Type A potentiometer adjustment

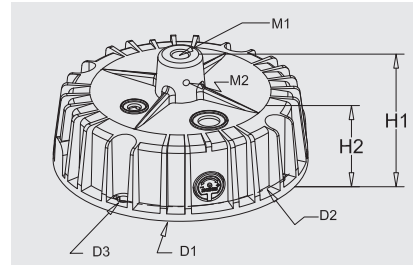
S-type three in one dimming version

Type X 12V auxiliary output version

Input Cable
Ø7.5 SJTW 3x18AWGx350mm

Output Cable
Ø7.0 SJTW 2x18AWGx250mm

Dimming Cable
UL2517 22#AWG*270mm



The above is the manual measurement of the size, the error range +1mm.

	Product Size						Boxing Information				
	D1	D2	D3	H1	H2	M1	M2	Weight	Packing Weight	Packing volume	Quantity of boxes
120W	110mm	98mm	6.5mm	58mm	37mm	M10*P1.5*H18	M4	620g	10.3kg	0.046m ³	12PCS
150W	110mm	98mm	6.5mm	58mm	37mm	M10*P1.5*H18	M4	620g	10.3kg	0.046m ³	12PCS
200W	127mm	113mm	6.5mm	60mm	39mm	M10*P1.5*H18	M4	850g	13.06kg	0.046m ³	12PCS
240W	127mm	113mm	6.5mm	60mm	39mm	M10*P1.5*H18	M4	856g	13.13kg	0.046m ³	12PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF (230V)	Lightning protection rating	Product Size
120W	DL-120W-V260A-SPF	60~120W	120-277V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	4KV/4KV	D*H 110*58mm
	DL-120W-V260S-SPF	60~120W	120-277V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	4KV/4KV	D*H 110*58mm
	DL-120W-V260X-SPF	60~120W	120-277V	180-260V	200-260V	0.25-0.6A	94.5%	0.97	4KV/4KV	D*H 110*58mm
150W	DL-150W-V260A-SPF	100~150W	120-277V	180-260V	200-260V	0.35-0.75A	94.5%	0.97	4KV/4KV	D*H 110*58mm
	DL-150W-V260S-SPF	100~150W	120-277V	180-260V	200-260V	0.35-0.75A	94.5%	0.97	4KV/4KV	D*H 110*58mm
	DL-150W-V260X-SPF	100~150W	120-277V	180-260V	200-260V	0.35-0.75A	94.5%	0.97	4KV/4KV	D*H 110*58mm
200W	DL-200W-V260A-SPF	150~200W	120-277V	180-260V	200-260V	0.55-1.05A	95.5%	0.97	4KV/4KV	D*H 127*60mm
	DL-200W-V260S-SPF	150~200W	120-277V	180-260V	200-260V	0.55-1.05A	95.5%	0.97	4KV/4KV	D*H 127*60mm
	DL-200W-V260X-SPF	150~200W	120-277V	180-260V	200-260V	0.55-1.05A	95.5%	0.97	4KV/4KV	D*H 127*60mm
240W	DL-240W-V260A-SPF	200~240W	120-277V	180-260V	200-260V	0.75-1.25A	95.5%	0.97	4KV/4KV	D*H 127*60mm
	DL-240W-V260S-SPF	200~240W	120-277V	180-260V	200-260V	0.75-1.25A	95.5%	0.97	4KV/4KV	D*H 127*60mm
	DL-240W-V260X-SPF	200~240W	120-277V	180-260V	200-260V	0.75-1.25A	95.5%	0.97	4KV/4KV	D*H 127*60mm





INDUSTRIAL LIGHTING
LED DRIVER



SBS SERIES

Universal explosion-proof LED driver

PRODUCT FEATURES

HOT-SALE
NEW
PRODUCT

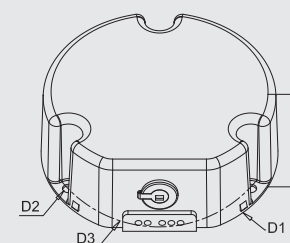
1. Rated input voltage:100-277Vac.
2. Output voltage:20-38V,constant power voltage:32-38V.
3. Meet explosion-proof industry 5-6 series@6V or 10-12 series@3V LED chips usage.
4. High efficiency up to 90%/Power factor 0.95/THD<10%.
5. Surge protection:4KV/6KV.
6. Protection level: IP65.
7. SCP/OTP/OVP/OVP/UVF protection function.
8. Life time>50,000 hrs.And 5 years warranty.



Input Cable
UL1015 18#AWG Ø2.8

Output Cable
UL1015 18#AWG Ø2.8

CE / CCC / 符合EX II 2G EX mb IIC GB



The above is the manual measurement of the size, the error range +1mm.

	Product Size				Boxing Information			
	L1	L2	L3	H	Weight	Packing Weight	Packing volume	Quantity of boxes
40W	75mm	4.5mm	65mm	33mm	251g	14.05kg	0.034m ³	48PCS
60W	90mm	4.5mm	80mm	33mm	347g	18.66kg	0.034m ³	48PCS
80W	90mm	4.5mm	80mm	33mm	368g	19.66kg	0.034m ³	48PCS

	Model	Rated power	Input Voltage	Output Voltage	Constant power voltage	Output Current	Efficiency	PF(230V)	Lightning protection rating	Product Size
40W	DL-40W-V38A-SBS	40W	100-277V	20-38V	32~38	0.7~1.6A	89%	0.95	4KV/6KV	D*H 75*33mm
60W	DL-60W-V38A-SBS	60W	100-277V	20-38V	32~38	1.3~2.5A	89%	0.95	4KV/6KV	D*H 90*33mm
80W	DL-80W-V38A-SBS	80W	100-277V	20-38V	32~38	1.9~3.5A	90%	0.95	4KV/6KV	D*H 90*33mm





OUTDOOR SMALL POWER LIGHTING LED DRIVER

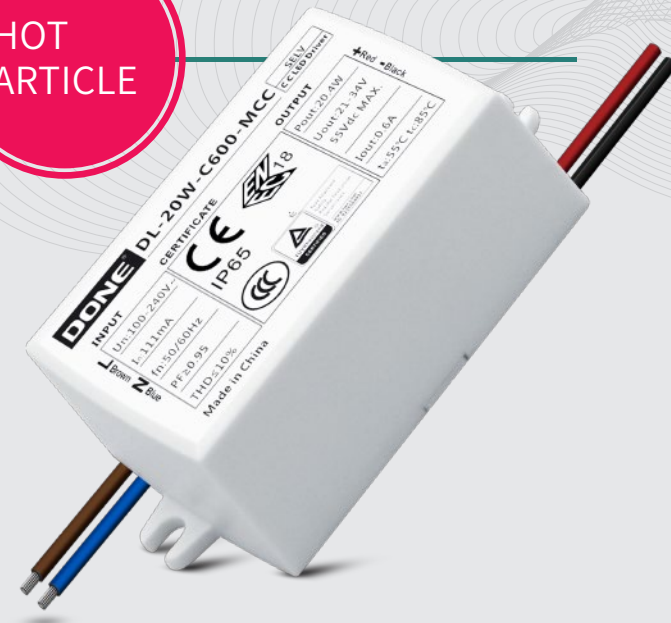
MCC SERIES

Mini built-in waterproof LED driver

PRODUCT FEATURES

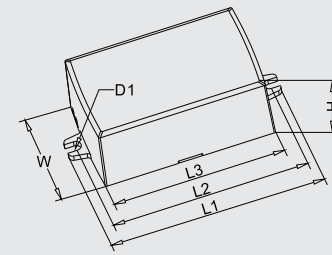
HOT ARTICLE

1. Rated input voltage:100-240V.
2. Efficiency up to 86%/High PF>0.95/THD<10%.
3. Surge protection:2KV.
4. Protection level: IP65.
5. SCP/OVP/OC protection.
6. Life time>50,000 hrs.And 5 years warranty.



输入线材 / Input Cable
UL1672 20#AWG Ø2.8

输出线材 / Output Cable
UL1569 22#AWG Ø 1.6



The above is the manual measurement of the size, the error range +1mm.

	Product Size						Boxing Information			
	L1	L2	L3	D1	W	H	Weight	Packing Weight	Packing volume	Quantity of boxes
3W	52mm	46.5mm	39.5mm	3.8mm	30mm	22mm	51g	10.9kg	0.022m ³	200PCS
7W	52mm	46.5mm	39.5mm	3.8mm	30mm	22mm	51g	10.9kg	0.022m ³	200PCS
12W	70mm	64mm	57.5mm	3.8mm	36mm	23mm	82g	13.82kg	0.022m ³	160PCS
20W	70mm	64mm	57.5mm	3.8mm	36mm	23mm	82g	13.82kg	0.022m ³	160PCS

	Model	Rated power	Input Voltage	Output Voltage	Output Current	Efficiency	PF (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-C180-MCC	1.98W	100-240V	5-11V	180mA	75%	0.9	2KV	52*30*22mm
	DL-3W-C210-MCC	2.31W	100-240V	5-11V	210mA	75%	0.9	2KV	52*30*22mm
	DL-3W-C240-MCC	2.64W	100-240V	5-11V	240mA	75%	0.9	2KV	52*30*22mm
	DL-3W-C270-MCC	2.97W	100-240V	5-11V	270mA	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-C350-MCC	3.85W	100-240V	5-11V	350mA	75%	0.9	2KV	52*30*22mm
	DL-3W-C500-MCC	3W	100-240V	2-6V	500mA	75%	0.9	2KV	52*30*22mm
	DL-3W-C600-MCC	3.6W	100-240V	2-6V	600mA	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-C180-MCC	4.32W	100-240V	11-24V	180mA	80%	0.9	2KV	52*30*22mm
	DL-7W-C210-MCC	5.04W	100-240V	11-24V	210mA	80%	0.9	2KV	52*30*22mm
	DL-7W-C240-MCC	5.76W	100-240V	11-24V	240mA	80%	0.9	2KV	52*30*22mm
	DL-7W-C270-MCC	6.48W	100-240V	11-24V	270mA	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-C350-MCC	7W	100-240V	10-20V	350mA	80%	0.9	2KV	52*30*22mm
	DL-7W-C500-MCC	6.5W	100-240V	6-13V	500mA	80%	0.9	2KV	52*30*22mm
DL-7W-C600-MCC	6W	100-240V	5-10V	600mA	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-C240-MCC	10.08W	100-240V	21-42V	240mA	83%	0.95	2KV	70*36*23mm
	DL-12W-C270-MCC	11.34W	100-240V	21-42V	270mA	83%	0.95	2KV	70*36*23mm
	DL-12W-C300-MCC	12.6W	100-240V	21-42V	300mA	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-C500-MCC	12.5W	100-240V	11-25V	500mA	83%	0.95	2KV	70*36*23mm
	DL-12W-C600-MCC	13.2W	100-240V	11-22V	600mA	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-C350-MCC	20.3W	100-240V	36-58V	350mA	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-C450-MCC	18.9W	100-240V	21-42V	450mA	85%	0.95	2KV	70*36*23mm
	DL-20W-C500-MCC	20.5W	100-240V	21-41V	500mA	85%	0.95	2KV	70*36*23mm
DL-20W-C600-MCC	20.4W	100-240V	21-34V	600mA	85%	0.95	2KV	70*36*23mm	

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.

SAMPLE
PRESENTATION

HOT
ARTICLE

HOT-SALE
NEW
PRODUCT

COMING
SOON