

Features



- Output constant voltage
- Range 100-265VAC
- Built-in active PFC function
- Efficiency 86% Max
- Protections: short circuit/over load/ over current/
- Cooling by free air convection
- IP66 design for indoor or outdoor installation
- Dimming function: Built in DALI interface dimming function conform to DALI Protocol IEC62386
- Dimming range from 0.1% to 100%
- Strong compatibility, flicker-free dimming
- Suitable for LED lighting and moving sign applications
- Compliance to worldwide safety regulations for lighting

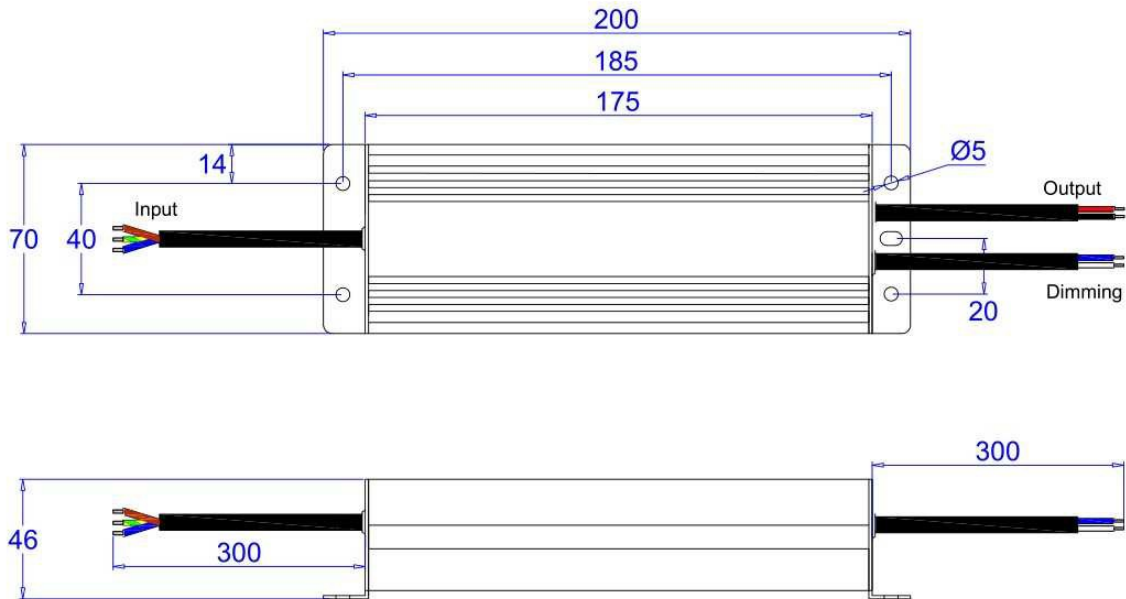
CE IP66 SELV

Specification

Model		ELED-60-12D	ELED-60-24D
output	DC Voltage	12V	24V
	Voltage Tolerance	±0.5V	
	Rated current	0~5A	0~2.5A
	Rated power	60W	
input	Voltage Range	100~265VAC	
	Frequency Range	47~63HZ	
	Power Factor (Typ.)	PF ≥ 0.95/220V	
	Efficiency (Typ.)	83%	84%
	AC Current (Typ.)	0.35A	0.34A
	Leakage current	< 0.70mA/220VAC	
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed	
	Over Loading	≤ 120%	
Environment	Working TEMP.	-40~+60°C	
	Working Humidity	20~90%RH, non-condensing	
	Storage TEM.,Humidity	-40~+80°C, 10~95%RH	
	TEMP.coefficient	±0.03%/°C (0~50°C)	
	Vibration	10~500Hz, 2G 10min./1 cycle,period for 60min. each along X,Y,Z axes	
Safety&EMC	Safety standards	EN61347-1 EN61347-2-13 IP66	
	Withstand voltage	I/P-O/P:3.75KVAC I/P-FG:1.88KVAC O/P-FG:0.5KVAC	
	Isolation resistance	I/P-O/P I/P-FG O/P-FG: 100MΩ/500VDC/25°C/70%RH	
	EMC EMISSION	Compliance to EN55015, EN61000-3-2 (≥ 50%load)	
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6, 11, EN61547, A light industry level (surge 4KV)	
Others	Net.Weight	1.1Kg	
	Size	200*70*46mm (L*W*H)	
	packing	329*279*176mm/10pcs/CTN	

Notes	<ol style="list-style-type: none"> 1. All parameters NOT specially mentioned are measured at 220VAC input , rated load and 25°C of ambient temperature. 2. Tolerance: includes set us tolerance, line regulation and load regulation . 3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufactures must be-qualify EMC Directive on the complete installation again
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■ Mechanical Specification



■ Label

- ※Input Rubber cable H03VV-F 3G 1.0mm²,the green/yellow cable connect with (FG) ,Brown with AC (L),Blue with AC(N)
- ※Signal Rubber cable H03VV-F 2 0.75mm²,Blue is (DA1) ,White is (DA2) DALI Non polar! Connected to the BUS of the DALI Master.
- ※Output rubber cable H03VV-F 2 1.0mm²,Red is output (V+) Positive,Black is output (V-) negative. Connected to LED Lamps.

Please make sure you connect these correctly otherwise your product will not function correctly and could be damaged.

■ Dimming Operation

- ※Connect the Dali signal line to the Dali bus of the controller (the Dali Master).
- After Dali Master scanning and address assignment, the driver can be successfully dimmed.
Please refer to Diagram 1
- ※Notice:In the market, some DALI controllers has bus-powered functions .If not,please add an extra power supply.(DALI Power).
 - ※Any incorrect connecting of signal line and output line would damage the master.

