
Specification

Model: LMWV-60-12

Description: Input:200-240Vac, Output: 12Vdc, 5A, LED Driver

Date : _____

Prepared by: _____

Checked by: _____

Approved by: _____

Customer authorized signature: _____

Issued Status: ☐ Draft ☒ Published

Specification

Product Name:	LED Driver	Applications: Applicable occasions: Indoor、Outdoor Features: 1、Wide voltage input. 2、Working temperature range -25℃~+50℃. 3、With OCP、SCP protection function. 4、Through the FCC、CB、CE、TUV Mark、3C、RCM、IP67、RoHS Installation: screws for fixing. Warranty: 5 years.
Model:	LMWV-60-12	
		

1、Product Parameters:

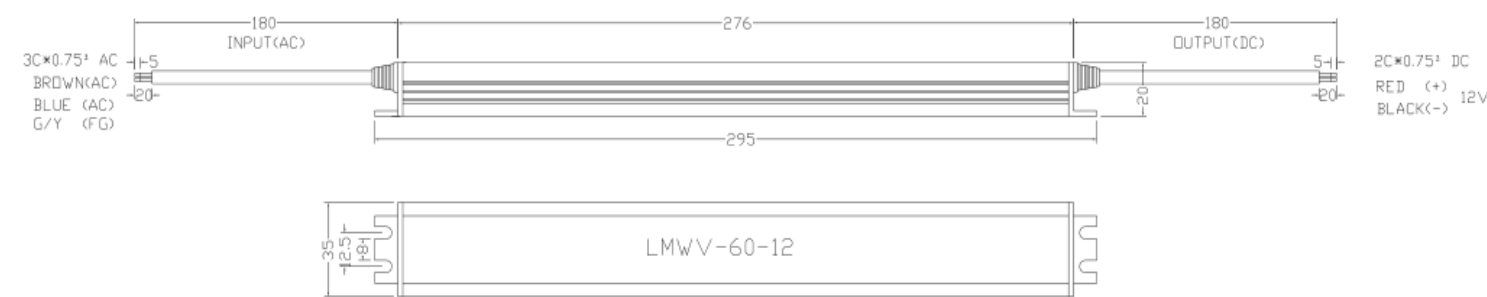
Output Characteristics	Rated Output Voltage	12V
	Rated Output Current	5A
	Rated Output Power	60W
	Output Voltage Accuracy	(11.5-12.5V)
	Output Ripple & Noise	≤600mV
Input Characteristics	Input Voltage Range	200VAC-240VAC
	Input Frequency Range	50~60HZ
	Input Current	≤0.38A(200-240VAC)
	Surge Current (cold start)	46A @230VAC
	Power Efficiency	86%
	PF	>0.95
Protective Characteristics	Over-Current Protection	■YES □NO
	Short-Circuit Protection	■YES □NO
	Over-Voltage Protection	■YES □NO
	Over-Temperature Protection	□YES ■NO
Environmental Characteristics	Working Temperature	-25℃~+50℃
	Working Humidity	10%~95%RH
	Storage Temperature	~35℃~+65℃
	Storage Humidity	10%~95%RH
	IP Rating	IP67

	Vibration		10~500Hz, 1.0mm, 15 minutes (for X、Y、Z each axis)
Safety and EMC	Safety Standard		Design refer to UL/cUL、 FCC、 CB、 CE、 TUV Mark、 3C、 RCM、 IP67、 RoHS
	Dielectric Strength (Hi-Pot)	I/P-O/P	3.75KVAC/ 10mA/ 3S
		I/P-Case	1.5KVAC/ 10mA/ 3S
	Insulation Resistance		100MQ / 500VDC/ 3S
	Grounding Resistance		≤0.5Ω
	EMC		Design refer to FCC part 15classB EN55015
Other Characteristics	MTBF		50Khrs. MIL-HDBK-217F(25℃)
	Size		295*35*20mm(L*W*H)
	Weight		0.42 kg

Remarks:

- ① Test environment temperature : 25 ± 2 ℃ ;
- ② Ripple and noise measurement methods: terminal to parallel 47uF electrolytic capacity and 0.1uF ceramic capacity, in 20 MHZ Bandwidth measurement.

2、 Profile Drawing:



Cable(Black)

Cable(white)

3、 Laybel Drawing:

L Brown

LED DRIVER

MODEL No: LMWV-60-12

Pf: 60W

SELV

PF>0.95

For LED Only

Constant Voltage Type

Suitable For Wet Locations

Input Voltage	200-240V~ 50/60Hz	Output Voltage	12V---
Input Current	0.38-A Max	Output Current	5A

CE

M M 110

SELV

IP67

RoHS

Five years warranty

1. Do not put the product directly in front of water or flammable materials.

2. Right to withdraw the usage limit conditions.

3. Do not touch the product when it's working.

OUTPUT

Red (Brown) "+"

Black (Blue) "-"

MADE IN CHINA

4、Packaging Diagram:

产品/Product:



内盒/Inner box:



外箱/Outer carton:



5、Packaging Information:

- 1、Outer Carton: 350*320*205mm; Inner packing box: 336*29*37mm
- 2、(QTY)/ Quantity: 50pcs; Total 5 layer, each layer 10 pcs.
- 3、(NW) / Net Weight: 21.0(1±10%) kg;
- 4、(GW) / Gross Weight: 21.54(1±10%) kg;
- 5、The actual packed quantity and weight may subject to change without prior notice.

6、Note:

Please ensure that the ground wire is properly grounded and ensure it does not come into contact with the neutral wire.

- 2、 Please make the power supply installed in a well-ventilated place, to ensure that the environment temperature is

appropriate.

- 3、 Do not overload the power supply with multiple appliances.
- 4、 Please do not touch the metal shell surface to avoid high temperature scald.
- 5、 Do not install in the minefield or high pressure area.
- 6、 Do not attempt to repair privately. Please contact the supplier if you have any questions.

7、 Tips:

- 1、 To be installed by a certified electrician. Please read and follow the instructions carefully before installing.

Ensure all contact points are connected firmly.

- 2、 Please pay attention to the using environment, and conduct regular check and maintenance to eliminate safety risks.