
Specification

Model: LMWV-150-24

Description: Input:200-240Vac, Output: 24Vdc, 6.25A, 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 |
| Model: | LMWV-150-24 | |
|  | | Features: <ol style="list-style-type: none"> 1、 Wide voltage input. 2、 Working temperature range $-25^{\circ}\text{C}\sim+50^{\circ}\text{C}$. 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. |

1、 Product Parameters:

| | | |
|-------------------------------|-----------------------------|---|
| Output Characteristics | Rated Output Voltage | 24V |
| | Rated Output Current | 6.25A |
| | Rated Output Power | 150W |
| | Output Voltage Accuracy | $\pm 5\%$ (23.5-24.5V) |
| | Output Ripple & Noise | $\leq 600\text{mV}$ |
| Input Characteristics | Input Voltage Range | 200VAC-240VAC |
| | Input Frequency Range | 50~60HZ |
| | Input Current | $\leq 0.83\text{A}$ (200-240VAC) |
| | Surge Current (cold start) | 46A @230VAC |
| | Power Efficiency | 92% |
| | PF | > 0.95 |
| Protective Characteristics | Over-Current Protection | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | Short-Circuit Protection | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | Over-Voltage Protection | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |
| | Over-Temperature Protection | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Environmental Characteristics | Working Temperature | $-25^{\circ}\text{C}\sim+50^{\circ}\text{C}$ |
| | Working Humidity | 10%~95%RH |

| | | | |
|-----------------------|------------------------------|--|--|
| | Storage Temperature | | ~35°C ~+65°C |
| | 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°C) |
| | Size | | 309*35*23mm(L*W*H) |
| | Weight | | 0.51 kg |

Remarks:

- ① Test environment temperature : 25 ± 2 °C ;
- 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 G YIG N Blue | LED DRIVER MODEL No: LMWV-150-24 PF>0.95 Constant Voltage Type | Po:150W SELV For LED Only Suitable For Wet Locations | Input Voltage | 200-240V~ 50/60Hz | Output Voltage | 24V ^{nom} |
| | | | Input Current | 0.83A Max | Output Current | 6.25A |

File-pipe warranty IP67
1. Do not put the product directly to
 great amount of chemicals, heat, etc.;
 2. Light installation for easy heat conduction;
 3. Do not touch the product when it is working.

S/N: _____

1a: 50°C
 1c: 85°C

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: 25.5(1±10%) kg;
- 4、(GW) / Gross Weight: 26.04(1±10%) kg;
- 5、The actual packed quantity and weight may subject to change without prior notice.

6、Note:

- 1、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.