

#### PRODUCT DESCRIPTION:

- Moisture Proof, Mildew Proof, and Salt Fog Proof.
- Full Glue-filled Design.
- 0-10V / TRIAC Dimming
- Adopt Active PFC Circuit.
- IP67 Water Proof
- 3 Years Warranty.



#### PICTURES:



#### WATER PROOF LED DRIVER 24V - 100W IP67 | 0-10V / TRIAC Dimming



#### APPLICATION:

Indoor LED flood lights, Magnetic lights, Lightstrips, Automation equipment, LED display.

#### SPECIFICATIONS:

| OUTPUT               |           |
|----------------------|-----------|
| DC Voltage           | 24V       |
| Rated Current        | 4.16A     |
| Current Range        | 0-4.16A   |
| Rated Power          | 100W      |
| Ripple & Noise (max) | 200mVp-p  |
| Load Stability       | ±0.5%     |
| Voltage Tolerance    | ±0.5%     |
| Setup, Rise Time     | 200ms     |
| Hold up time(Typ.)   | 50ms,20ms |

**WATER PROOF LED DRIVER 24V - 100W**  
**IP67 | 0 -10V / TRIAC Dimming**

**SPECIFICATIONS:**

**INPUT**

|                           |                     |
|---------------------------|---------------------|
| Voltage Range             | 110~240V AC         |
| Frequency Range           | 50-60Hz             |
| AC Current (Typ.)         | 1.5A/100V 0.8A/240V |
| Inrush Current            | Cold start ≤40A     |
| Incoming Line Stability   | ±0.5%               |
| Power Factor & Efficiency | PF>0.5 / >80%       |
| Leakage Current           | ≤5mA/260VAC         |

**PROTECTION**

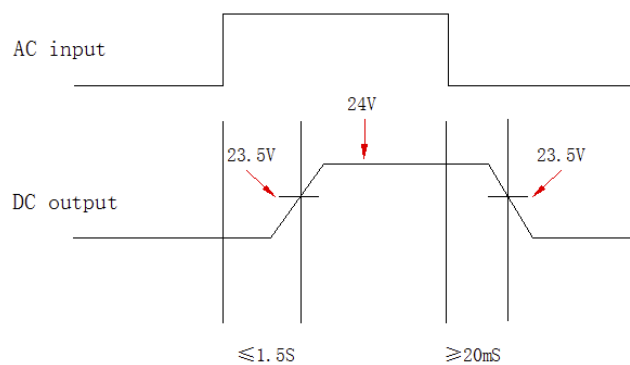
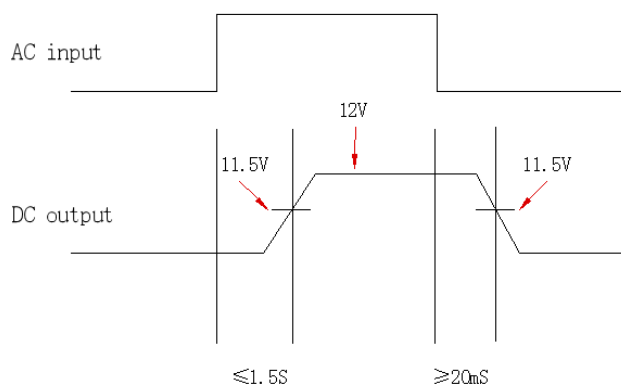
|                     |                                                                                                       |
|---------------------|-------------------------------------------------------------------------------------------------------|
| Short Circuit       | The power supply can resume normal operation when the short circuit is removed during power supply.   |
| Overload            | 105%-200% type: hiccup protection reset: automatic recovery                                           |
| Over Current        | After the over current fault is removed, the power supply will automatically resume normal operation. |
| Pressure Resistance | Input and output:1.75KVAC 5mA 3s<br>Input and shell: 1.5KVAC 5mA 3s                                   |

**ENVIROMENT, SAFETY & EMC**

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Working temp.           | -10 ~ +50°C                                                                           |
| Working Humidity        | 20%~90%RH                                                                             |
| Storage temp / Humidity | -20°C ~ +85°C / 10%~95%RH                                                             |
| Pressure Resistance     | Between input and output: AC2.5KV 5mA 60S<br>Between input and shell: AC1.5KV 5mA 60S |
| Insulation Resistance   | Between input and output: 100M ohms/500VDC/25°C                                       |

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**BLOCK DIAGRAM:**



**LOAD DERATING CURVE GRAPH:**

