



### Features :

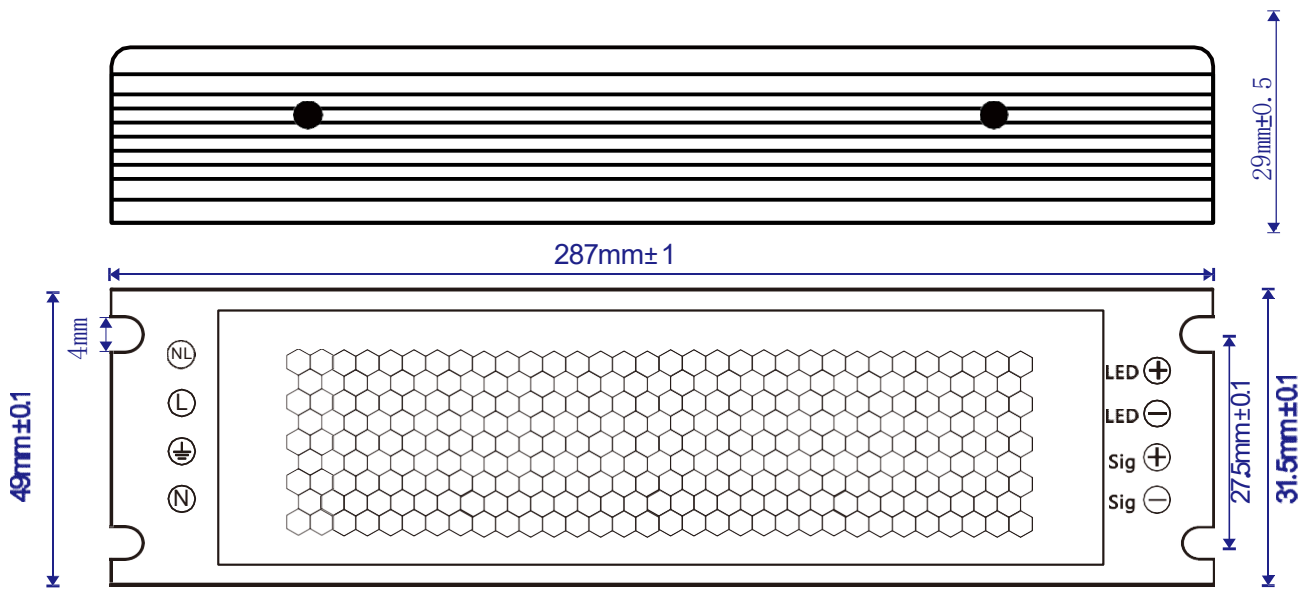
- 100-130/170-264VAC
- Protection: Short circuit/overload/overvoltage
- Working temperature with 60°C
- Cooling by free air convection
- 100% full load burn-in test
- 3years warranty
- Support: Triac & 0/1-10V

### Specification

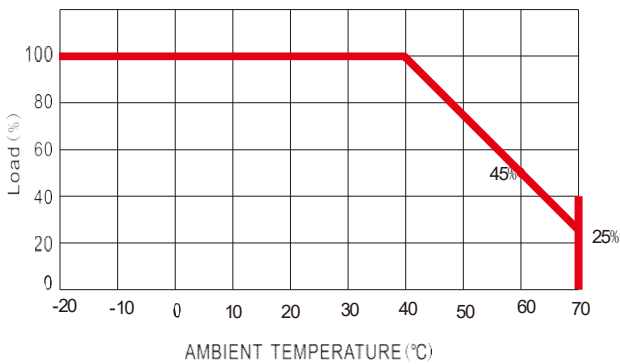
CE RoHS BIS SELV IP20

|                         | Model   | MSD-CV-150W-T010   | MSD-CV-150W-T010 |
|-------------------------|---|--|------------------|
| <b>Output</b>           | DC Voltage  | 12V  | 24V              |
|                         | Voltage Tolerance   | ±0.5V  |                  |
|                         | Rated Current   | 0 - 12.5A  | 0 - 6.25A        |
|                         | Rated Power   | 150W   | 150W             |
|                         | Ripple & Noise  | 200mVp-p   | 200mVp-p         |
| <b>Input</b>            | Voltage Range   | 100-130/170-264VAC   |                  |
|                         | Frequency Range   | 50 - 60HZ  |                  |
|                         | Power Factor  | PF ≥ 0.5/230VAC (Full loading)   |                  |
|                         | Full Load Efficiency (Typ.)   | 85%  | 85%              |
|                         | AC Current (Max.)   | 1.25A  | 1.22A            |
|                         | Leakage Current   | <0.5mA/260VAC  |                  |
|                         | Inrush Current  | ≤ 60A  |                  |
| <b>Protection</b>       | Short Circuit   | Protection type: Hiccup mode, recovers automatically after fault condition is removed. |                  |
|                         | Over Load   | Hiccup mode, recovers automatically after fault condition is removed                   |                  |
|                         | VIBRATION   | 10-500Hz 2G10min   |                  |
|                         | BURNT-IN TEST   | Input voltage: 220V 50Hz rated output current 25°C Burn-in 2h                          |                  |
| <b>Environment</b>      | Over Temperature  | 100°C±10°C shut down o/p voltage, re-power on to recover                               |                  |
|                         | Working TEMP.   | -20 ~ +50°C  |                  |
|                         | Working Humidity  | 20~60%RH, non-condensing   |                  |
|                         | Storage TEM. , Humidity   | -20~+85%, 10~95%RH   |                  |
|                         | START RISE HOLD TIME  | 1500ms, 20ms, 50ms/230VAC at full load   |                  |
| <b>Safety &amp; EMC</b> | Vibration   | 10 - 500Hz, 5G 12min. /1 cycle, period for 60min. each along X, Y, Z axes.             |                  |
|                         | Safety Standards  | CE Mark  |                  |
|                         | Withstand Voltage   | I/P-O/P: 1.5KVAC I/P-GND: 1.5KVAC  |                  |
|                         | EMC Immunity  | EN55015:2013; EN61547:2009; EN61000-3-2:2014; EN61000-3-3:2013                         |                  |
| <b>Others</b>           | Weight  | 0.36Kg   |                  |
|                         | Dimension   | 287x49x29mm (LxWxH)  |                  |
|                         | Packing   | 50pcs/CTN  |                  |
| <b>Notes</b>            | <ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</li> <li>2. Tolerance: includes set up tolerance, line regulation and load regulation.</li> <li>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.</li> </ol> |  |                  |

### Mechanical Specification



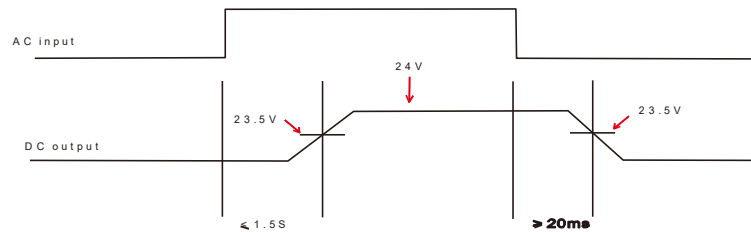
### Derating Curve



### Package

|                 |                        |
|-----------------|------------------------|
| DIMENSION       | 287x49x29 (mm) (L×W×H) |
| CARTON QUANTITY | 50PCS/Carton           |
| CARTON SIZE     | 370x300x29.5 (mm)      |
| WEIGHT          | 360g /PCS              |

### Switching Time Curve:



### Dimming Operation

