

Mains Dimmable 30w LED Driver

DAZZLED

Triac Dimmable Constant Voltage LED Power Supply

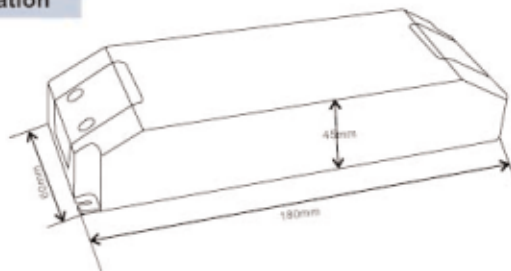


- Features:**
- The output voltage is constant.
 - Input voltage:170-250VAC.
 - Using active built-in PFC technology.
 - Efficiency>83%.
 - Protection:SCP/OVP.
 - Waterproof rating:(For Indoor).
 - Easy to install.
 - Nature cooling.
 - Suitable for leading edge or trailing edge dimmers.
 - Good compatibility.Flicker free.
 - Suitable for all kind of led lighting fixture.
 - To comply with CE/ROHS Standards.

Specification Sheet

| Model | MSD-DIM-CV-30W | | |
|--------------|-------------------------|--|--------------|
| Output | Rated voltage | 12V | 24V |
| | Voltage Precision | ±0.5V | |
| | Output Current | 2.5A | 1.25A |
| | Rated Power | 30W | |
| Input | Input Voltage Range | 170~250VAC (90~130VAC)FOR CHOICE | |
| | Frequency Range | 47~63HZ | |
| | PFC(Typ) | PF ≥ 0.97/170V PF ≥ 0.95/220V PF ≥ 0.93/250V | |
| | Full-loading Efficiency | 82% | 83% |
| | AC Current(Typ) | 0.3A/170VAC | 0.24A/220VAC |
| Protection | Leak Current | <0.25mA/220VAC | |
| | Short Circuit | Intermittent restart mode,can be automatically reatored after Exclude Anomalies | |
| | Over Voltage | ≅ 270VAC | |
| Environment | Operation Temperature | -40~+60℃ | |
| | Operation Humidity | 20~90%RH No condensation | |
| | Storage | -40~+85℃, 10%~95%RH | |
| | Temperature Coefficient | ±0.03%/℃ (0~50℃) | |
| | Vibration Resistance | 10~500HZ,2G 10Min/period,X、Y、Z line per 60 mins | |
| Safety & EMC | Standard | Refer to EN-60950-1 | |
| | Withstand Voltage | I/P-O/P:3.75KVAC | |
| | Insulating Strength | I/P-O/P:400MΩ/500VDC/25℃/70%RH | |
| | EMC Emission | To Correspond EN55015,EN61000-3-2(≅ 50% load) | |
| | EMC Immunity | To Correspond EN55015,EX61000-4-2,3,4,5,6,8,11,A Level of light industry standard(Surge 4KV) | |
| Others | Weight | 0.32kg | |
| | Dimension | 180*60*45mm(L*W*H) | |

■ Mechanical Specification



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