

Mains Dimmable 12w LED Driver

DAZZLED

Triac Dimmable Constant Voltage LED Power Supply



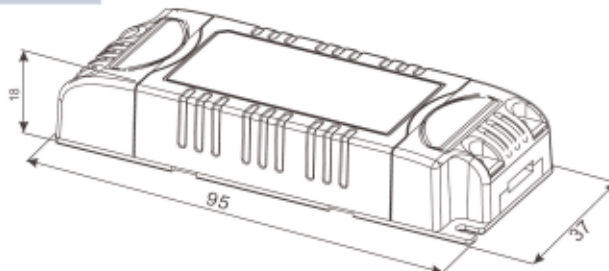
Features:

- The output voltage is constant.
- Input voltage: 170-250VAC.
- Using active built-in PFC technology.
- Efficiency > 80%.
- Protection: SCP/OVP.
- Waterproof rating: IP67 (For Indoor & Outdoor).
- 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-12W		
Output	Rated voltage	12V	24V
	Voltage Precision	± 0.5V	
	Output Current	1000mA	500mA
	Output Power	12W Max.	
Input	Input Voltage Range	90-130VAC & 180-240VAC	
	Frequency Range	48-62HZ	
	PFC(Typ)	PF ≈ 0.95/170V PF ≈ 0.96/220V PF ≈ 0.93/250V	
	Full-loading Efficiency	80%	
	AC Current(Typ)	0.13A/170VAC	0.1A/220VAC
Protection	Leak Current	<0.25mA/220VAC	
	Short Circuit	Intermittent restart mode, can be automatically reared after Exclude Anomalies	
	Over Voltage	≈ 270VAC	
Environment	Operation Temperature	-40~+60°C	
	Operation Humidity	20~90%RH No condensation	
	Storage	-40~+85°C, 10%~95%RH	
	Temperature Coefficient	± 0.03%/°C (0~50°C)	
	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: 400M Ω/500 VDC/25°C/70%RH	
	EMC Emission	To Correspond EN55015, EN61000-3-2 (≈ 50% load)	
	EMC Immunity	To Correspond EN55015, EN61000-4-2, 3, 4, 5, 6, 8, 11, A Level of light industry standard (Surge 4KV)	
Others	Weight	80g	
	Dimension	95*37*18mm(L*W*H)	

Mechanical Specification



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