

Mains Dimmable 20w LED Driver

DAZZLED

Triac Dimmable Constant Voltage Waterproof LED Power Supply

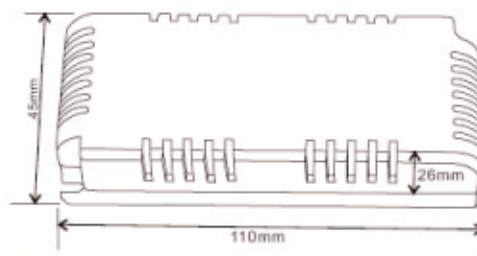


- Features:**
- The output voltage is constant.
 - Input voltage: 170-250VAC.
 - Using active built-in PFC technology.
 - Efficiency > 80%.
 - Protection: SCP/OVP.
 - Waterproof rating: IP67 (For Indoor & Output).
 - Easy to install.
 - Nature cooling.
 - Suitable for leading edge or trailing edge dimmers.
 - Good compatibility, Flicker free.
 - Suitable for all kind of led lighting fixture.
 - To comply with CE/ROHS Standards.

Specification Sheet

Model	MSD-DIM-CV-20W			
Output	Rated voltage	12V	24V	
	Voltage Precision	±0.5V		
	Output Current	1.67A	0.83A	
	Rated Power	20W		
Input	Input Voltage Range	170~250VAC (90~130VAC) FOR CHOICE		
	Frequency Range	47~63HZ		
	PFC(Typ)	PF ≈ 0.95/170V PF ≈ 0.96/220V PF ≈ 0.93/250V		
	Full-loading Efficiency	80%	82%	
	AC Current(Typ)	0.2A/170VAC	0.16A/220VAC	0.14A/250VAC
	Leak Current	<0.25mA/220VAC		
Protection	Short Circuit	Intermittent restart mode, can be automatically reated 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: 400MΩ/500VDC/25°C/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	0.15kg		
	Dimension	110*45*26mm(L*W*H)		

■ Mechanical Specification



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