

20W Waterproof LED Power Supply



Features:

- Protections: Short circuit/Overload/Over temperature
- Cooling by free air convection
- IP67 design for indoor or outdoor installations
- 100% full load burn-in test
- Suitable for LED lighting
- Products through CE& RoHS certification
- 1 years warranty



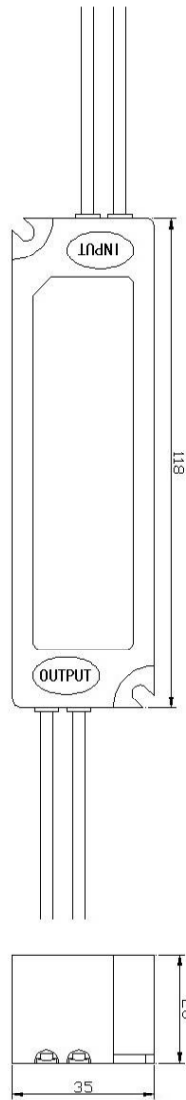
CE IP67

SPECIFICATION

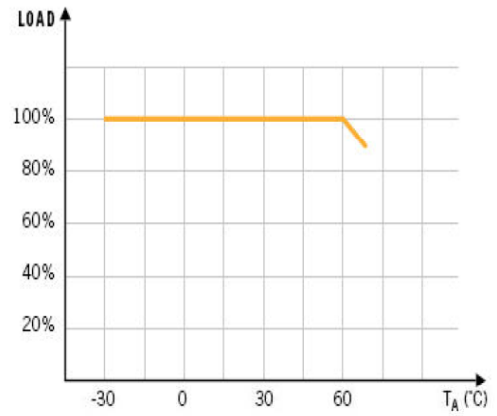
Model		HC-12020A-M	HC-24020A-M	
Output	Dc Voltage	12V	24V	
	Rated Current	1.67A	0.83A	
	Current Range	0~1.67A	0~0.83A	
	Rated Power	20W	20W	
	Ripple&Noise (Max)	150mV	150mV	
	Voltage Tolerance	+4%	+4%	
	Setup, Rise Time	100ms/220VAC		
	Hold Up Time (Typ.)	80ms/220VAC		
Input	Voltage Range	110~260VAC		
	Frequency Range	50~60Hz		
	Power Factor (Typ)	PF>0.55/220VAC		
	Efficiency (Typ)	80%	82%	
	Ac Current (Typ)	0.3A/115V 0.25A/235V		
	Inrush Current (Typ)	Cold-start current 1.4A/235V		
Protection	Short Circuit	Protection type: recovers automatically after fault conditions is removed		
	Overload	Overload protection @145~160% above peak rating		
	Over Temperature	protection typer: shut down o/p voltage. re-power on to recover		
Environment	Working Temp	-30~ +60°C (Refer to output load derating curve)		
	Working Humidity	20~90%RH no-condensing (Waterproof)		
	Storage Temp Humidity	-40~ +80°C、10~90%RH		
Safety&Emc	Safety Standards	CE Mark(LVD), IP67		
	Withstand Voltage	I/P-O/P: 1.5KVAC		
	Emc Test Standards	EN 55015:2006; EN 61547:1995+A1:2000 ;EN 61000-3-2:2006; EN61000-3-2:1995+A2:2005 EN 61347-1: 2008 EN 61347-2-13; 2006		
NOTE	1. All parameters NOT specially mentioned are measured at 220VAC input, rated load and 25°C of ambient temperature.			
	2. Ripple&noise are measured at 20MHz of bandwidth by using a 12' twisted pair-wire terminated with a 0.1uF&10uF parallel capacitor.			
	3. Tolerance: includes set up tolerance, line regulation and load regulation.			

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Mechanical specification



DERATING CURVE



Others	Dimension	120*35*25mm (L*W*H)
	Carton Quantity	50PCS/Carton
	Carton Size	340*240*190
	Weight	0.2kg/pcs