

300W

Waterproof LED Power Supply

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Features :

- IP67 design for indoor or outdoor installations
- Protection: (Short circuit / Overload / Over temperature)
- Cooling by free air convection
- 100% full load burn in test
- Suitable for LED lighting
- Products through CE, RoHS Certification
- 3 years warranty

IP67 CE RoHS



SPECIFICATION

MODEL					
OUTPUT	IN VOLTAGE	12V	24V		
	INRMS CURRENT	28A	13.5A		
	CURRENT RANGE	0-28A	0-13.5A		
	OUTPUT POWER	300W	300W		
	OUTPUT MODE (max)	280mA/P	400mA/P		
	VOLTAGE REGULATION ⁽¹⁾	±3%	±3%		
	LOAD REGULATION	±1%	±1%		
	RISE TIME (max)	80ms(25V/DC)			
	FALL TIME (max)	80ms(25V/DC)			
INPUT	VOLTAGE RANGE	100-240VAC			
	EFFICIENCY (%)	80-85%			
	POWER FACTOR(PFC)	PF>0.98(230VAC)			
	EFFICIENCY (typ)	~ 88%	> 92%		
	IN CURRENT (typ)	2.75A(230VAC)			
INRMS CURRENT (typ)	6000 START 40A(230VAC)				
PROTECTION	Short circuit	Protection type : recovers automatically after fault condition is removed			
	Overload	overload protection @ 110-120% above peak rating			
	Over temperature	Protection type : Shut down supply voltage, no power on to resume			
ENVIRONMENT	ambient temp	-30 ~ +65°C (Refer to output load derating curve)			
	humidity capacity	30 ~ 95% (Non-condensing/Waterproof)			
	storage temp. capacity	-40 ~ +85°C, 10 ~ 95% RH			
SAFETY & EMC	SAFETY STANDARDS	CE Mark (VDE) , IP67			
	WITH STANDARDS	EM-CEP1, EMCAC, EM-EMC, I, EN5410			
	EMC Test Standards	EN60950-1:2006, EN60951:1999-01:2006, EN50498-3:2006, EN50498-3:1999-02:2005, EN50497-1:2001, EN50497-2:10:2006			
NOTE	<p>1. All parameters NOT specially mentioned are measured at 25°C/50% load, rated load and 25% of ambient temperature.</p> <p>2. Ripple & noise are measured at 200kHz of bandwidth by using a 10" terminated pair wire terminated with a 0.1uF, 50V parallel capacitor.</p> <p>3. Tolerance : Includes set up tolerance, line regulation and load regulation.</p>				

Mechanical Specification



Others

DIMENSION	overalls (mm) (LxWxH)
CARTON QUANTITY	PCS/Carton
CARTON SIZE	(mm)
WEIGHT	

Derating Curve

