

100W

Waterproof LED Power Supply

1 of 2



Features :

- IP67 design for indoor or outdoor installation
- 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	DC VOLTAGE	1.2V	2.6V		
	WIRE CURRENT	8.3A	4.17A		
	CURRENT RANGE	0-8.3A	0-4.17A		
	WIRE POWER	100W	100W		
	WIRE RESISTANCE (max)	200mΩ ± 1%	250mΩ ± 1%		
	VOLTAGE FLUCTUATION ⁽¹⁾	±1%	±1%		
	LINEAR REGULATION	±1%	±1%		
	LOAD REGULATION	±1%	±1%		
	WIRE USE TIME	5000(230VAC)			
	WIRE USE TIME(2)	5000(230VAC)			
INPUT	VOLTAGE RANGE	90V-265VAC			
	EFFICIENCY RANGE	80-90%			
	POWER FACTOR(PFC)	PF>0.98(230VAC)			
	EFFICIENCY(PFC)	> 99%			
	AC CURRENT (PFC)	1.8(230VAC)			
	WIRE CURRENT (PFC)	000.0 START 00A/0000A			
PROTECTION	Short circuit	Protection type : recovers automatically after fault condition is removed			
	Overload	overload protection @ 110-130% above peak rating			
	Over temperature	Protection type : Shut down supply voltage, no power on to resume			
ENVIRONMENT	ambient temp	-30 ~ +60°C (Relative to output lead clamping screw)			
	humidity capacity	30 ~ 95% (Non-condensing/Waterproof)			
	storage temp - humidity	-40 ~ +60°C, 10 ~ 95% RH			
SAFETY & EMC	SAFETY STANDARD	CE Mark (VDE) , IP67			
	WIRE USE VOLTAGE	5P-05P/1.000AC 5P-05P/1.000VAC			
	EMC Test Standards	EN60950-1:2006 / EN60951:1999-01:2006 / EN60950-2-2:2009 / EN61000-3-2:1995-A2:2005 / EN61017-1:2001 / EN61017-2:10:2006			
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.				
	2. Ripple & noise are measured at 200kHz of bandwidth by using a 10" related parameter terminated with a 0.1uF, 50V parallel capacitor.				
	3. Tolerance : Includes set up tolerance, line regulation and load regulation.				

Mechanical Specification



Others

DIMENSION	165x62x182mm (LxWxH)
CARTON QUANTITY	PCS/Carton
CARTON SIZE	(mm)
WEIGHT	80g/pcs

PCS/Carton

Derating Curve

