

100W

Waterproof LED Power Supply

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Features :

- Ip67 design for indoor or outdoor installations
- Protections: 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
- 2 years warranty

IP67 CE RoHS



SPECIFICATION

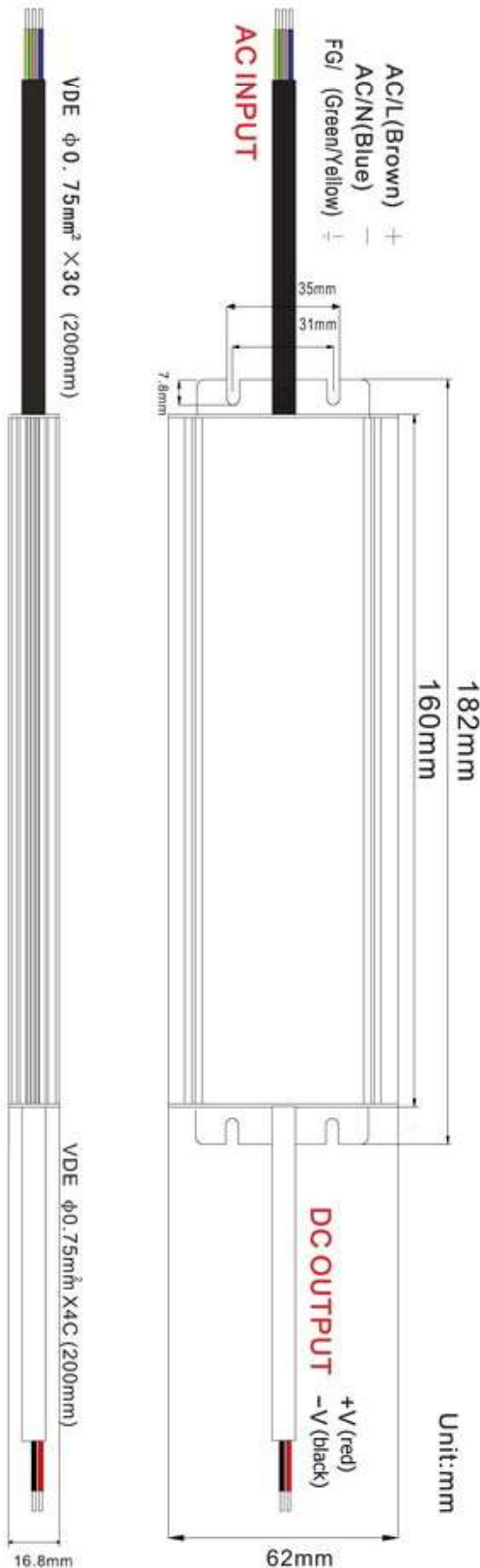
MODEL					
OUTPUT	DC VOLTAGE	12V	24V		
	RATED CURRENT	8.3A	4.17A		
	CURRENT RANGE	0-8.3A	0-4.17A		
	RATED POWER	100W	100W		
	RIPPLE & NOISE (max.) ^{NOTE 2}	200mVP-P	250mVP-P		
	VOLTAGE TOLERANCE ^{NOTE 3}	±2%	±2%		
	LINEAR REGULATION	±1%	±1%		
	LOAD REGULATION	±1%	±1%		
	SETUP, RISE TIME	80ms/220VAC			
	HOLD UP TIME (Typ.)	60ms/220VAC			
INPUT	VOLTAGE RANGE	90V-264VAC			
	FREQUENCY RANGE	50 ~ 60Hz			
	POWER FACTOR (Typ.)	PF>0.56/220VAC			
	EFFICIENCY (Typ.)	> 85%	> 85%		
	AC CURRENT (Typ.)	1A/220VAC			
	INRUSH CURRENT (Typ.)	COLD START 40A/220VAC			
PROTECTION	Short circuit	Protection type : recovers automatically after fault condition is removed			
	Overload	overload protected @ 110-130% above peak rating			
	Over temperature	Protection type : Shut down o/p voltage, re-power on to recover			
ENVIRONMENT	WORKING TEMP.	-30 ~ +50°C (Refer to output load derating curve)			
	WORKING HUMIDITY	20 ~ 99% RH non-condensing(Waterproof)			
	STORAGE TEMP., HUMIDITY	-40 ~ +80°C , 10 ~ 99% RH			
SAFETY & EMC	SAFETY STANDARDS	CE Mark (LVD) , IP67			
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC I/P-GND:1.5KVAC			
	EMC Test Standards	EN55015:2006 ; EN61547:1995+A1:2000 ; EN61000-3-2:2006 ; EN61000-3-3:1995+A2:2005 ; EN61347-1:2001 ; EN61347-2-13:2006			
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



Others

DIMENSION	182X62X16.8(mm) (L×W×H)
CARTON QUANTITY	PCS/Carton
CARTON SIZE	(mm)
WEIGHT	520g/pcs

PCS/Carton

Derating Curve

