

500W

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 Certification
- In line with world lighting safety regulations



IP67

SELV

SPECIFICATION

		12V500W	24V500W			
OUTPUT	DC VOLTAGE	12V	24V			
	RATED CURRENT	41.6A	20.8A			
	CURRENT RANGE	0~41.6A	0~20.8A			
	RATED POWER	500W	500W			
	RIPPLE & NOISE (max.) ^{NOTE 2}	240mVP-P	300mVP-P			
	VOLTAGE TOLERANCE ^{NOTE 3}	±4%	±2%			
INPUT	VOLTAGE RANGE	175~264VAC				
	FREQUENCY RANGE	50~60Hz				
	POWER FACTOR (Typ.)	PF>0.6/220VAC				
	EFFICIENCY (Typ.)	>91%	>90%			
	AC CURRENT (Typ.)	4.2A/220VAC				
	INRUSH CURRENT (Typ.)	COLD START 160A/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	EN55015:2013;EN61547:2009; EN61000-3-2:2014; EN61000-3-3:2013				

NOTE

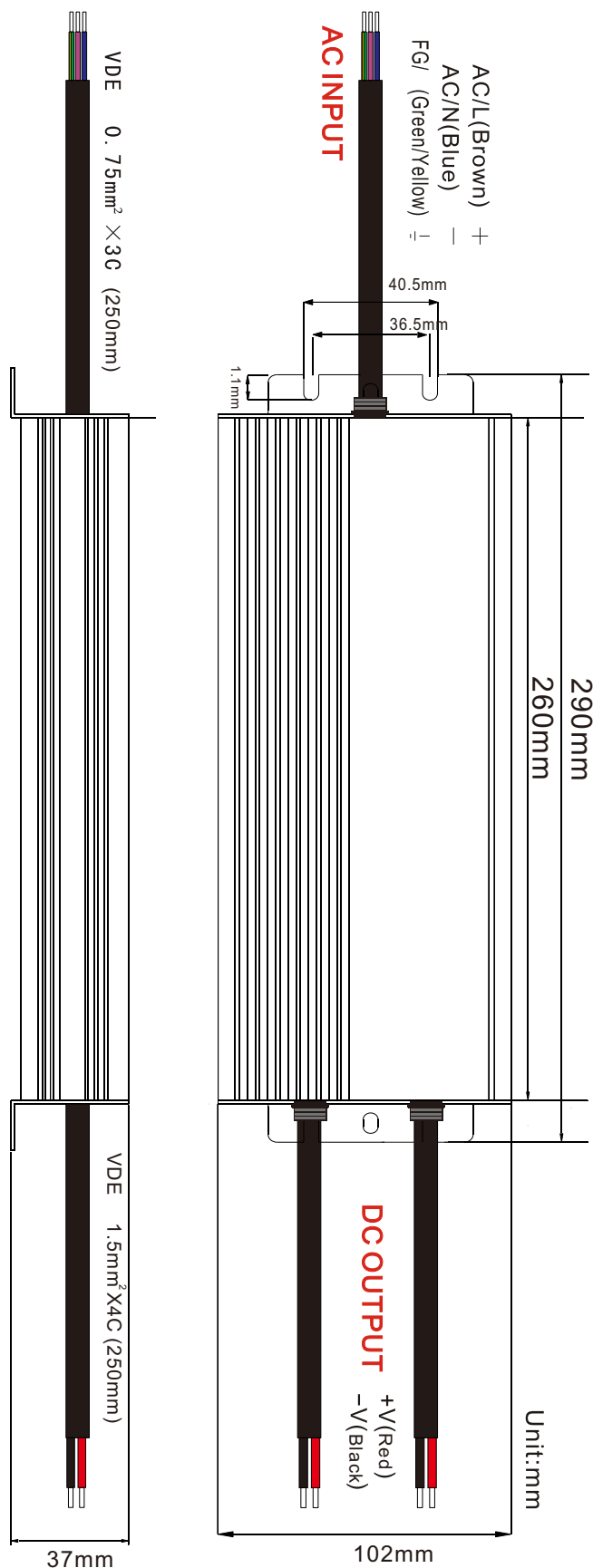
1. All parameters NOT specially mentioned are measured at 220VAC OR 110VAC input, rated load and 25°C of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 10uf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.

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Mechanical Specification



Others

DIMENSION	290X102X37 (mm) (L×W×H)
CARTON QUANTITY	10 PCS/Carton
CARTON SIZE	
WEIGHT	

Derating Curve

