

# 50W

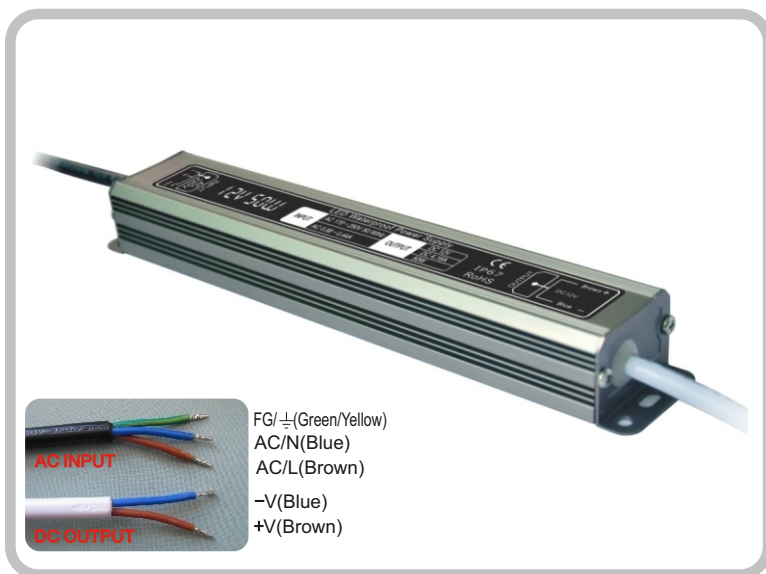
# Waterproof LED Power Supply

1 of 2

## 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



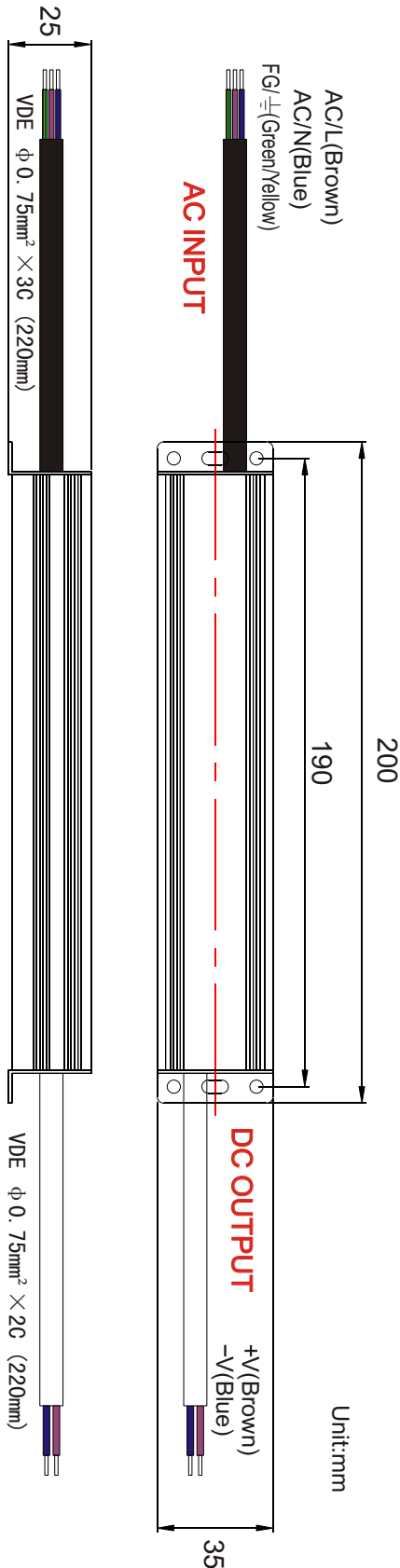
## SPECIFICATION

MODEL		12V50W	24V50W			
OUTPUT	DC VOLTAGE	12V	24V			
	RATED CURRENT	4.16A	2.08A			
	CURRENT RANGE	0~4.16A	0~2.08A			
	RATED POWER	50W	50W			
	RIPPLE & NOISE (max.) <sup>NOTE 2</sup>	100mV	100mV			
	VOLTAGE TOLERANCE <sup>NOTE 3</sup>	±2%	±1%			
	SETUP, RISE TIME	80ms/220VAC				
	HOLD UP TIME (Typ.)	60ms/220VAC				
INPUT	VOLTAGE RANGE	170 ~ 250VAC				
	FREQUENCY RANGE	50 ~ 60Hz				
	POWER FACTOR (Typ.)	PF>0.55/220VAC				
	EFFICIENCY (Typ.)	83%	86%			
	AC CURRENT (Typ.)	0.5A/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 O/P-GND:0.5KVAC				
	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	200×35×25(mm) (L×W×H)
CARTON QUANTITY	50PCS/Carton
CARTON SIZE	330×258×195(mm)
WEIGHT	280g/PCS

### Derating Curve

