



300W

LED Power Supply

1 of 2



FG/ $\perp$ (Green)
AC/N(White)
AC/L(Black)
+V(White)
-V(Black)

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 ,UL Certification

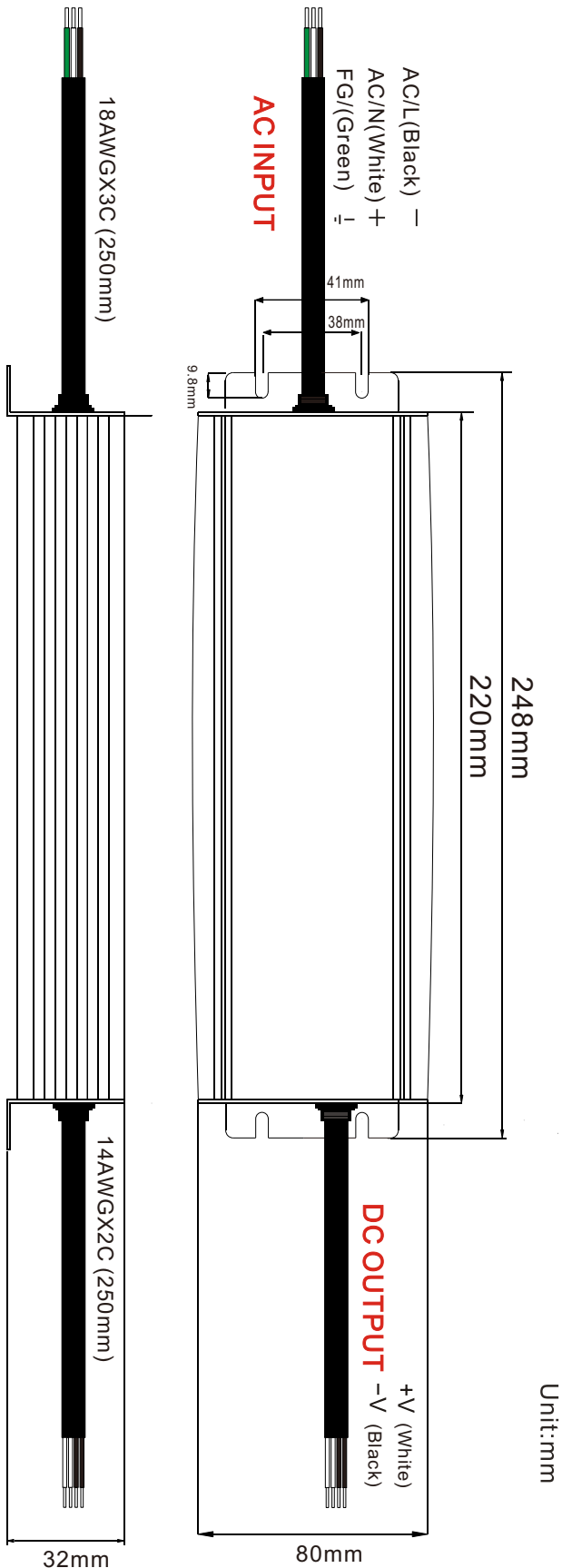


IP67 CE RoHS

SPECIFICATION

OUTPUT	DC VOLTAGE	12V	24V			
	RATED CURRENT	25A	12.5A			
	CURRENT RANGE	0~25A	0~12.5A			
	RATED POWER	300W	300W			
	RIPPLE & NOISE (max.) ^{NOTE 2}	200mV	250mV			
	VOLTAGE TOLERANCE ^{NOTE 3}	±2%	±1%			
	LINEAR REGULATION	±1%	±1%			
	LOAD REGULATION	±2%	±2%			
INPUT	VOLTAGE RANGE	100~130VAC				
	FREQUENCY RANGE	50 ~ 60Hz				
	POWER FACTOR (Typ.)	PF>0.6/110VAC				
	EFFICIENCY (Typ.)	> 90%	>90%			
	AC CURRENT (Typ.)	2.6A/110VAC				
	INRUSH CURRENT (Typ.)	COLD START 120A/110VAC				
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 110V AC 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.					

Mechanical Specification



Others

DIMENSION	248X80X32 (mm) (L×W×H)
CARTON QUANTITY	10 PCS/Carton
CARTON SIZE	455x260x115 (mm)
WEIGHT	1380g/pcs

Derating Curve

