



100W

Sign Lighting World, LLC
www.SignLightingWorld.com
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LED Power Supply



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,ULCertification

FG/ ⊥ (Green)
AC/N(White)
AC/L(Black)
+V(White)
-V(Black)



IP67 CE RoHS

SPECIFICATION

MODEL					
OUTPUT	DC VOLTAGE	12V	24V		
	RATED CURRENT	8.3A	4.2A		
	CURRENT RANGE	0~8.3A	0~4.2A		
	RATED POWER	100W	100W		
	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.)	88%	88%		
	AC CURRENT (Typ.)	1.4A/110VAC			
	INRUSH CURRENT (Typ.)	COLD START 100A/110VAC			
PROTECTION	Short circuit	Protection type : recovers automatically after fault condition is removed			
	Overload	overload protected @ 115-140% 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	<p>1. All parameters NOT specially mentioned are measured at 110VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 10uf parallel capacitor.</p> <p>3. Tolerance : includes set up tolerance, line regulation and load regulation.</p>				



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Mechanical Specification



Others

DIMENSION	220X63X18.8 (mm) (L×W×H)
CARTON QUANTITY	PCS/Carton
CARTON SIZE	
WEIGHT	

Derating Curve

