



### PS 250W

#### FEATURES

- 100% full load burn-in test
- Universal AC input
- Small size and high efficiency
- Built-in EMI filter with tiny ripple
- Protection: short circuit/over current/over load/over temperature

MODEL		PS250-H1V12	PS250-H1V24
OUTPUT	DC VOLTAGE	12V	24V
	VOLTAGE TOLERANCE	±5%	±5%
	RATED CURRENT	20.8A	10.4A
	CURRENT RANGE	0-20.8A	0-10.4A
	RATED POWER	250W	250W
	RIPPLE & NOISE (MAX.)	150mVp-p	150mVp-p
	POWER FACTOR(Typ.)	0.6	0.6
INPUT	VOLTAGE RANGE	175-240VAC	
	FREQUENCY RANGE	50/60 Hz	
	AC CURRENT(Typ.)	2.6A/115V, 1.2A/230V	
	EFFICIENCY(Typ.)	85%	
	COLD START CURRENT	25A/AC230V	
	SETUP, RISE, HOLD UP TIME	2000ms, 50ms, 20ms	
	NO-LOAD CURRENT	<10mA/240VAC	
PROTECTION	OVER LOAD	hiccup 105%~150% of the rated power 250W, recovers automatically after fault condition is removed	
	OVER CURRENT	hiccup over the maximum rated current, recovers automatically after fault condition is removed	
	SHORT CIRCUIT	hiccup short circuit, recovers automatically after fault condition is removed	
	OVER TEMP	hiccup the Rectifier ≥85°C, recovers automatically after temperature fall to environment temp	
ENVIRONMENT	WORKING TEMP	-20°C~+60°C (no frost)	
	WORKING HUMIDITY	20%~90%RH	
	STORAGE TEMP	-40°C~85°C	
	STORAGE HUMIDITY	10%~95%RH	
SAFETY&EMC	SAFETY STANDARDS	CE, ROHS	
	WITHSTAND VOLTAGE	I/P-O/P: 1.5KVAC/1min, I/P-F/G: 1.5KVAC/1min, O/P-F/G: 0.5KVAC/1min	
	EMC TESTING STANDARD	EN55022:2010; EN61000-3-2:2014; EN61000-3-3:2013; EN55024:2010+A1:2015 EN61347-1:2008+A1:2011+A2:2013; EN61347-2-13:2014	
REMARK	1. The above mentioned data were measured at 220VAC input and 25°C. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.		

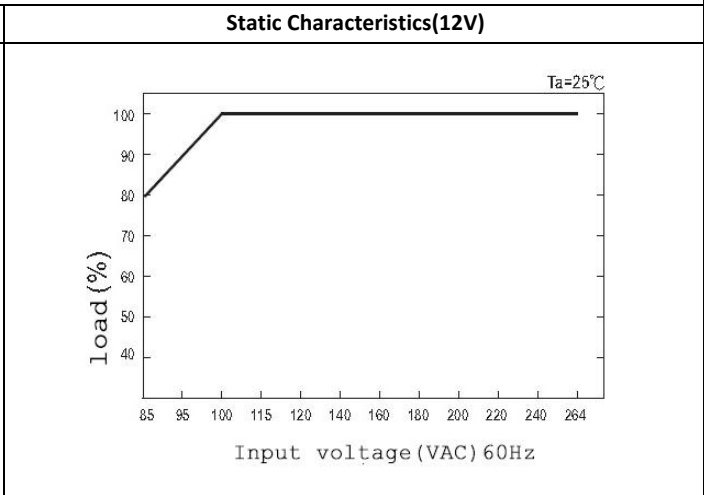
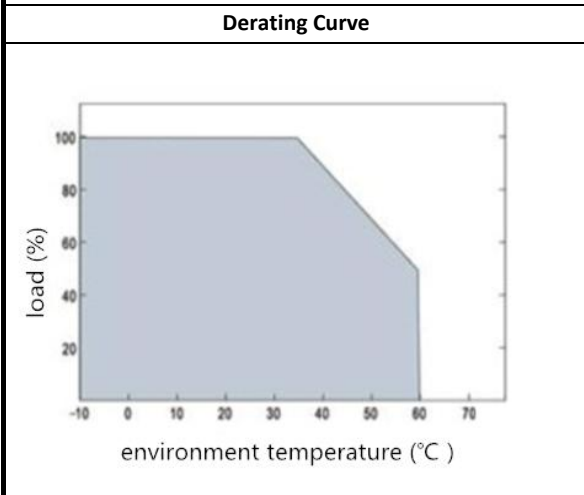
**Mechanical Specification**

Terminal Assignment			
Pin No.	Assignment	Pin No.	Assignment
1	AC INPUT/L	1	DC OUTPUT/-V
2	AC INPUT/N	2	DC OUTPUT/-V
3	FG	3	DC OUTPUT/+V
		4	DC OUTPUT/+V

**Mechanical Specification**

Product model: PS250W

Packing and Weight			
Dimension	160*98.3*49mm	Weight	0.561kg
Carton Dimension	464*357*342mm	Carton weight	0.64kg
Carton quantity	48pcs/carton		



**Note**

1. Cut the AC input before checking any mal-phenomenons.
2. Make sure the INPUT&OUPUT were in right situation before connected to power supply.
3. Be ware of high power pressure may caused by short circuit when installing metal casing products.
4. All the images and data are just for reference, specific please in kind prevail!

**F&Q**

- A. First use, connect the LEDs to the power supply, correct AC&DC connection, but the LEDs are not light or other fault condition.
- Q. Cut the AC input, check whether there are any poor contacts in the AC and DC terminals.
- A. Correct connection, the LEDs is on but the brightness is too strong/too weak/flashing.
- Q. Cut the AC input, check whether over load or short circuit.

**After sale**

Please contact us at [eric@szshanpu.cc](mailto:eric@szshanpu.cc) for further solution if any unforeable problem happens.