FEATURES

- ●100% full load burn-in test
- ●Universal AC input
- ●Small size and high efficiency
- ●Conform to EMC EN5502 GB9254
- ●Built-in EMI filter with tiny ripple
- ●Comply with the safety standards UL60950 GB4943 EN60850
- ●Protection: short circuit/over Voltage/over/load temperature

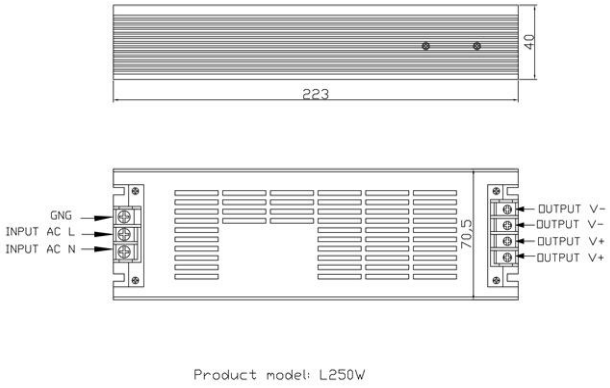
MODEL		12V 200W	24V 200W	48V 200W
OUTPUT	DC VOLTAGE	12V	24V	48V
	RATED CURRENT	16.6A	8.33A	4.16A
	CURRENT RANGE	0~16.6A	0~8.33A	0~4.16A
	RATED POWER	200W	200W	200W
	RIPPLE& NOISE (MAX.)	150mVp-p	150mVp-p	200mV
	VOLTAGE TOLERANCE	±1%	±1%	±1%
	SETUP , RISE TIME	1000ms, 50ms/230VAC 1000ms,50ms/115VAC at full load		
	HOLD UP TIME(Typ.)	20ms/230VAC 16ms/115VAC at full load		
INPUT	VOLTAGE RANGE	85~132VAC/170~264VAC		
	FREQUENCY RANGE	47~63Hz		
	POWER FACTOR(Typ.)	PF>0.6/220VAC		
	EFFICIENCY(Typ.)	83%	86%	87%
	AC CURRENT(Typ.)	4.5A/115VAC 2.5A/230VAC		
	INRUSH CURRENT(Typ.)	40A/115VAC 55A/230VAC		
	SHORT CIRCUIT	protection type: recovers automatically after fault condition is removed		
PROTECTION	OVER LOAD	105~135% hiccup mode , auto-recovery		
	OVER CURRENT	Greater than the maximum voltage, circuit protection, when the error is removed, the circuit returns to normal		
	OVER TEMP	protection type: recovers automatically after down temp below 85°C		
	DC ADJ. RANGE	115%~135% Cut off the output , auto-recovery		
ENVIRONMENT	WORKING TEMP	-20℃~ +60℃		
	WORKING HUMIDITY	20%~90%RH		
	STORAGE TEMP , HUMIDITY	-40℃~+85℃,10%~90%RH		
Tesings	Withstand voltage	I/P-O/P: 1.5KVAC/1min; I/P-F/G: 1.5KVAC/1min;O/P-F/G: 0.5KVAC/1min;		
	Safety	GB4943 ;IEC60950-1; EN60950-1		
	EMC	EN 55032:2015+A11:2020 EN IEC 61000-3-2:2019+A1:2021 EN 61000-3-3:2013+A2:2021 EN55035:2017+A11:2020		
	LVD	EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013		

Tel: 086 755 2306 0905 Fax: 086 755 2304 1269 Website: www.smpspower.com

Add: 5th Floor, B3 Building, Huafeng Shiji Industrial park, Hangcheng Road, Xixiang, Bao'an district, Shenzhen P.R.C.

Mechanical Specification

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

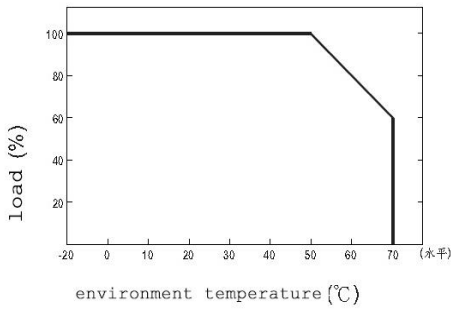


Product model: L250W

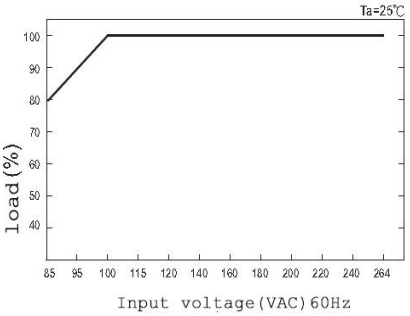
Dimension: 223*70*39 mm Carton size: 430*278*227 mm

Carton Quantity: 30PCS/Carton Weight: 0.7Kg/PCS

Derating Curve



Static Characteristics(12V)



REMARKS:

1, The above mentioned data were measured at 230VAC 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.
3, Cut the AC input before checking any mal-phenomenons.
4, Make sure the INPUT&OUPUT were in right situation before connected to power supply.
5, Be ware of high power pressure may caused by short circut when installing metal casing products.
6, Please contact us at info@smpspower.com for further solution if any unforeable problem happens.

Tel: 086 755 2306 0905 Fax: 086 755 2304 1269 Website: www.smpspower.com

Add: 5th Floor, B3 Building, Huafeng Shiji Industrial park, Hangcheng Road, Xixiang, Bao'an district, Shenzhen P.R.C.