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		5V 60W	12V 60W	15V 60W	24V 60W
OUTPUT	DC VOLTAGE	5V	12V	15V	24V
	RATED CURRENT	12A	5A	4A	2.5A
	CURRENT RANGE	0~12A	0~5A	0~4A	0~2.5A
	RATED POWER	60W	60W	60W	60W
	RIPPLE& NOISE (MAX.)	80mV	100mV	100mV	150mV
	VOLTAGE TOLERANCE	±1%	±1%	±1%	±1%
	SETUP , RISE TIME	500ms,30ms / 230VAC 1200ms / 115VAC at full load			
	HOLD UP TIME(Typ.)	50ms / 230VAC 10ms / 115VAC at full load			
INPUT	VOLTAGE RANGE	85 ~ 264VAC			
	FREQUENCY RANGE	47~63Hz			
	POWER FACTOR(Typ.)	PF>0.6/220VAC			
	EFFICIENCY(Typ.)	75%	80%	80%	84%
	AC CURRENT(Typ.)	1.5A/115V 0.9A/230V			
	INRUSH CURRENT(Typ.)	cold start 45A/230V			
	SHORT CIRCUIT	protection type: recovers automatically after fault condition is removed			
PROTECTION	OVER LOAD	105~135% hiccup mode, auto-recovery			
	DC ADJ. RANGE	±10% rated output voltage			
ENVIRONMENT	WORKING TEMP	–40°C~+60°C (no frost)			
	WORKING HUMIDITY	20%~90%RH			
	STORAGE TEMP , HUMIDITY	–40°C~85°C/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	EN55015:2006; EN61547:1995+A1:2000;EN61000 -3-2:2006			
		EN61000-3-3:1995+A2:2005;EN61347 -3-13:2006			

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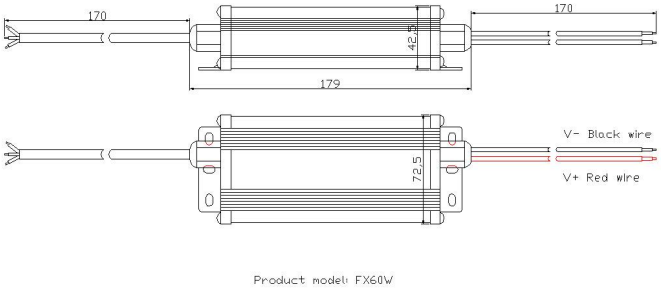
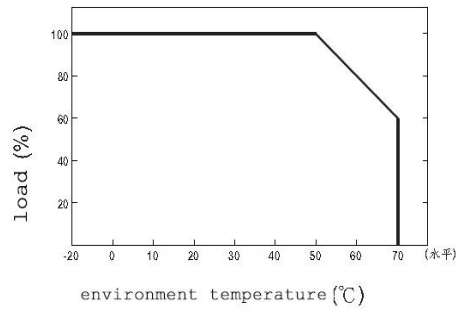
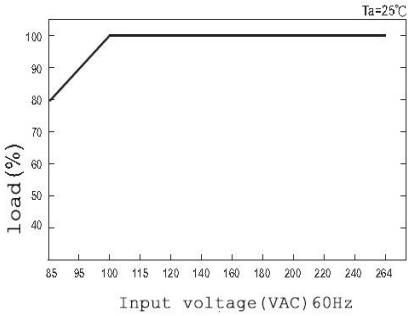
Add: 5th Floor, B3 Building, Huafeng Shiji Industrial park, Hangcheng Road, Xixiang, Bao'an district, Shenzhen P.R.C.

Mechanical Specification

Terminal Assignment			
Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT-V
2	AC/N	5	DC OUTPUT+V
3	⏚ FG		
Dimension: 165*71*42mm		Carton size: 464*357*372 mm	
Carton Quantity: 59PCS/Carton		Weight: 0.36kg/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.

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