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 400W	24V 400W	27V 400W	48V 400W
OUTPUT	DC VOLTAGE	12V	24V	27V	48V
	RATED CURRENT	33.3A	16.6A	14.8A	8.33A
	CURRENT RANGE	0~33.3A	0~16.6A	0~14.8A	0~8.33A
	RATED POWER	400W	400W	400W	400W
	RIPPLE& NOISE (MAX.)	150mVp-p	150mVp-p	150mVp-p	200mV
	VOLTAGE TOLERANCE	±1%	±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.)	75%	78%	80%	83%
	AC CURRENT(Typ.)	7A/115VAC 4A/230VAC			
	INRUSH CURRENT(Typ.)	40A/115VAC 60A/230VAC			
	SHORT CIRCUIT	protection type: recovers automatically after fault condition is removed			
PROTECTION	OVER LOAD	105~135% hiccup mode , auto-recovery			
	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			
SAFETY&EMC	SAFETY STANDARDS	CE,ROHS			
	WITHSTAND VOLTAGE	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
	EMC TESTING STANDARD	EN55015:2006;EN61547:1995+A1:2000;EN61000 -3-2:2006;			
		EN61000-3-3:1995+A2:2005;EN61347 -1:2001;EN61347 -2-13:2006			

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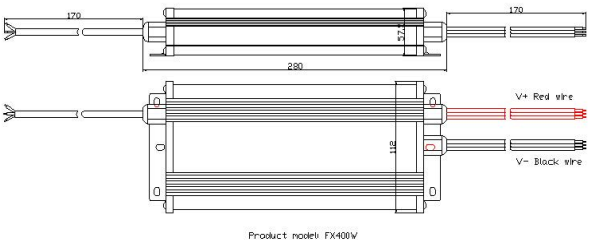
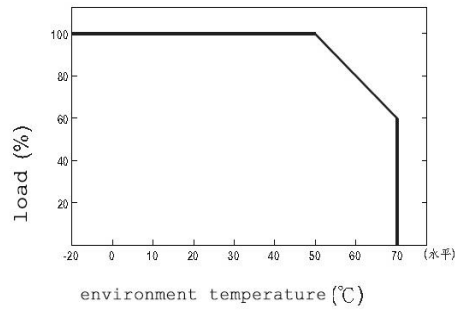
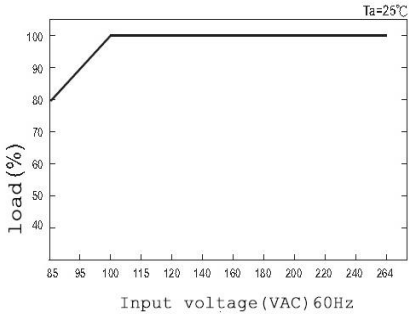
Mechanical Specification

Terminal Assignment			
Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4.5	DC OUTPUT-V
2	AC/N	6.7	DC OUTPUT+V
3	⏚ FG		
Dimension: 220*110*50mm		Carton size: 430*278*227 mm	
Carton Quantity: 36PCS/Carton		Weight: 0.75kg/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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