



Features:

- AC input voltage range selected by switch
- Small volume, low weight, high efficiency
- Protections : short circuit/over load/over voltage/over temp
- built-in cooling DC fan
- LED indicator for power on
- 100% full load burn-in test
- 2 Years warranty



Dimension: 238 × 124 × 65mm

SPECIFICATION

Model		HS-600-12	HS-600-24	HS-600-48
Output	DC voltage	12V	24V	48V
	Voltage tolerance	± 1%	± 1%	± 1%
	Rated current	50A	25A	12.5A
	Current range	0 ~ 50A	0 ~ 25A	0 ~ 12.5A
	Rated power	600W	600W	600W
	Ripple&noise	150mVp-p	180mVp-p	200mVp-p
	DC voltage ADJ. range	-9% ~ +10%	± 10%	± 10%
	Setup, rise, hold up time	200ms,30ms,36ms/230VAC.		
Input	Voltage range	90 ~ 132VAC 180 ~ 264VAC 47 ~ 63Hz(Selected by switch), 255 ~ 373VDC		
	AC current	12A/115VAC 6A/230VAC		
	Efficiency	82%	84%	86%
	Inrush current	Cold start 25A/115V 50A/230VAC		
	leakage current	< 3.5mA/240VAC		
Protection	Overload	Rated output power105% ~ 135%Start overload protection Protection type: cutoff output, recovery after restart power		
	Over voltage	15.6 ~ 17.8V	30.6 ~ 33.2V	54.8 ~ 56.6V
	Over temperature	Rectifier temperature ≥ 85°C ± 5%Start over temp protection Protection mode: cutoff output, auto-recovery after temperature become normal		
Environment	Working temp, humidity	-20°C ~ +60°C;20% ~ 90%RH(Please refer to “derating curve”)		
	Storage temp, humidity	-20°C ~ +85°C;10% ~ 95%RH Non-condensing		
	Withstand vibration	10 ~ 500Hz, 5G 10min./1Cycle, Period for 60min, Each axes		
Safety	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC		
	Isolation resistance	I/P-O/P: I/P-FG,O/P-FG: 100M Ohms/500VDC		
Fit standard	Safety standard	Compliance to UL 62368-1,TUV 62368-1,EN 62368-1		
	EMC Standard	Compliance to EN 55032, CLASSA		
Others	Dimension	238*124*65mm (L*W*H)		
	Packing	1.5kg/12pcs/19kg/1.18CUFT		
	MTBF	160K hrs min. MIL-HDBK-217F(25°C)		

Note: 1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.
 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. Tolerance : includes set up tolerance, line regulation and load regulation.

