



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
- Cooling fan ON-OFF auto control
- LED indicator for power on
- 100% full load burn-in test
- 2 Years warranty



SPECIFICATION

Dimension: 238 × 124 × 65mm

Model		HS-500-12	HS-500-15	HS-500-24	HS-500-36	HS-500-48
Output	DC voltage	12V	15V	24V	36V	48V
	Voltage tolerance	± 1%	± 1%	± 1%	± 1%	± 1%
	Rated current	40A	32A	20A	14A	10A
	Current range	0 ~ 40A	0 ~ 32A	0 ~ 20A	0 ~ 14A	0 ~ 10A
	Rated power	480W	480W	480W	504W	480W
	Ripple&noise	100mVp-p	150mVp-p	150mVp-p	150mVp-p	150mVp-p
	DC voltage ADJ. range	-9% ~ +10%	± 10%	± 10%	± 10%	± 10%
Setup, rise, hold up time		800ms,20ms,36ms/230VAC.				
Input	Voltage range	90~132VAC 180 ~ 264VAC (Selected by switch) , 47 ~ 63Hz 255 ~ 373VDC				
	AC current	10A/115V 5A/230VAC				
	Efficiency	82%	84%	84%	85%	85%
	Inrush current	Cold start 25A/115V 50A/230VAC				
	leakage current	< 3.5mA/240VAC				
Protection	Overload	Rated output power 115% ~ 135% Start overload protection Protection type: hiccup mode, auto-recovery after fault condition is removed				
	Over voltage	15.6 ~ 17.8V	18.6 ~ 20.8V	30.6 ~ 33.2V	42.6 ~ 44.2V	54.8 ~ 56.6V
	Protection type: hiccup mode, auto-recovery after fault condition is removed					
	Over temperature	≥55°C fan on, ≤50°C fan off, ≥85°C Start over temp protection Protection type: hiccup mode, auto-recovery after temperature become normal				
Environment	Working temp, humidity	-10°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, 2G 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	Fit UL1012				
	EMC Standard	Fit EN55022, CLASSA				
Others	Dimension	1.45kg 238*124*65mm (L*W*H)				
	Weight	1.45kg/12pcs/18kg/1.18CUFT				

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.

