

Compact single switching power supply 500W

Features:

- AC input voltage range selected by switch
- Small volume, low weight, high efficiency
- Protections: short circuit/over load//over voltage/over temp
- Cooling fan ON-OFF auto control
- LED indicator for power on
- 100% full load burn-in test
- 2 Year warranty



HS-500W

Model		HS-500-12	HS-500-13.5	HS-500-15	HS-500-24
Output	DC voltage	12V	13.5V	15V	24V
	Voltage tolerance	±2%	±1%	±1%	±1%
	Rated current	40A	36A	32A	20A
	Current range	0~40A	0~36A	0~32A	0~20A
	Rated power	480W	486W	480W	480W
	Ripple&noise	100mvp-p	100mvp-p	150mvp-p	180mvp-p
	DCvoltage	±10%	±10%	±10%	±10%
Input	Voltage range	90~132VAC/180~264VAC(selected by switch), 255~373VDC			
	Frequency	47~63Hz			
	AC current	10A/115VAC, 5.0A/230VAC			
	Efficiency	82%	82%	84%	84%
	Inrush current	Cold start current 25A/115VAC, 50A/230VAC			
Protection	Leakage current	< 3.5mA/240VAC			
	Overload	Rated output power115%~135% start over load protection protection type: hiccup mode, auto-recovery after fault condition is removed			
	Over voltage	15.6~17.8V	15.6~17.8V	18.6~20.8V	30.6~33.2V
	Over temperature	≥55℃ fan on, ≤50℃ fan off, ≥85℃ start over temperature protection type: hiccup mode, auto-recovery after temperature become normal			
Environment	Working	-10℃~+60℃, 20%~90%RH			
	Storage temp,humidit	-20℃~+85℃, 10%~95%RH non-condensing			
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each			
Safety	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC			
	Isolated resistance	I/P-O/P,I/P-FG,O/P-FG: 100M ohms/500VDC			
Fitstandard	Safety standard	Fit UL1012			
	EMC standard	meet EN55022, CLASSA			
Others	Dimension	238*124*65mm (L*W*H)			
	Weight/packing	1.45kg/12pcs/18kg/0.033m³/1.18CUFT			
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ 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.				