

Compact single switching power supply 50W

Features:

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



HS-50W

Model		HS-50-5	HS-50-12	HS-50-15	HS-50-24
Output	DC voltage	5V	12V	15V	24V
	Voltage tolerance	±2%	±1%	±1%	±1%
	Rated current	7A	4.2A	3.4A	2.1A
	Current range	0~7A	0~4.2A	0~3.4A	0~2.1A
	Rated power	35W	50.4W	51W	50.4W
	Ripple&noise	80mvp-p	120mvp-p	120mvp-p	120mvp-p
	DCvoltage	-9%~+10%	±10%	±10%	±10%
Input	Voltage range	90~132VAC/170~264VAC(selected by switch), 235~373VDC			
	Frequency	47~63Hz			
	AC current	1.3A/115VAC, 0.65A/230VAC			
	Efficiency	80%	82%	82%	84%
	Inrush current	Cold start current 18A/115VAC, 36A/230VAC			
	Leakage current	< 1mA/240VAC			
Protection	Overload	Rated output power115%~150% start over load protection			
		protection type: hiccup mode, auto-recovery after fault condition is removed			
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	111*78*36mm (L*W*H)			
	Weight/packing	0.26kg/50pcs/ 14kg/0.027 m³/0.96CUFT			
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.				