

Compact single switching power supply 150W

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-150W

Model	HS-150-12	HS-150-15	HS-150-24	HS-150-36	
Output	DC voltage	12V	15V	24V	36V
	Voltage tolerance	±1%	±1%	±1%	±1%
	Rated current	12.5A	10A	6.5A	4.2A
	Current range	0~12.5A	0~10A	0~6.5A	0~4.2A
	Rated power	150W	150W	156W	151.2W
	Ripple&noise	100mvp-p	120mvp-p	150mvp-p	150mvp-p
	DCvoltage	±10%	±10%	±10%	±10%
Input	Voltage range	90~132VAC/180~264VAC(selected by switch), 254~373VDC			
	Frequency	47~63Hz			
	AC current	3.2A/115VAC, 1.6A/230VAC			
	Efficiency	83%	83%	85%	85%
	Inrush current	Cold start current 18A/115VAC, 36A/230VAC			
	Leakage current	< 3.5mA/240VAC			
Protection	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	18.6~20.8V	30.6~33.2V	42.6~44.2V	
	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	159*97*38mm (L*W*H)			
	Weight/packing	0.54kg/45pcs/25kg/0.041 m ³ /1.45CUFT			
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.				