

HSF-150W series Efficient single switching power supply

Features:

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



HSF-150W				
Model		HSF-150-5	HSF-150-12	HSF-150-24
Output	DC voltage	5V	12V	24V
	Voltage tolerance	±2%	±1%	±1%
	Rated current	30A	12.5A	6.5A
	Current range	0~30A	0~12.5A	0~6.5A
	Rated power	150W	150W	156W
	Ripple&noise	80mvp-p	120mvp-p	120mvp-p
	DCvoltage ADJ.range	-9%~+10%	±10%	±10%
Input	Voltage range	90~132VAC/180~264VAC(selected by switch), 255~373VDC		
	Frequency	47~63Hz		
	AC current	3A/115VAC, 2A/230VAC		
	Efficiency	80%	83%	84%
	Inrush current	cold start current 30A/115VAC, 45A/230VAC		
	Leakage current	< 2mA/240VAC		
Protection	overload	above 110%~150% rated power protection type: hiccup mode, auto-recovery after fault condition		
	Over voltage	6.8~8.2V	15.6~17.8V	30.6~33.2V protection type: hiccup mode, auto-recovery after fault condition
Environment	Working temp, humidity	-20℃~+60℃, 20%~90%RH		
	Storage temp, humidity	-40℃~+85℃, 10%~95%RH non-condensing		
	Withstand vibration	10~500Hz, 2G 10min/1cycle, period for 60 minutes, each axes		
Safety	Withstand voltage	I/P-O/P: 3KVAC 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	199*98*38mm (L*W*H)		
	Weight/packing	0.6kg/30pcs/19kg/0.034 m³/1.2CUFT		
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25℃ of ambient temperature.			