

HSF-75W series Efficient single switching power supply

Features:

- Universal AC input
- 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



Model		HSF-75-5	HSF-75-12	HSF-75-15	HSF-75-24
Output	DC voltage	5V	12V	15V	24V
	Voltage tolerance	±2%	±1%	±1%	±1%
	Rated current	15A	6.3A	5A	3.2A
	Current range	0~10A	0~6.3A	0~5A	0~3.2A
	Rated power	75W	75.6W	75W	76.8W
	Ripple&noise	80mvp-p	100mvp-p	100mvp-p	120mvp-p
	DCvoltage ADJ.range	-9%~+10%	±10%	±10%	±10%
Input	Voltage range	90~264VAC, 125~373VDC			
	Frequency	47~63HZ			
	AC current	1.5A/115VAC, 0.75A/230VAC			
	Efficiency	79%	82%	82%	84%
	Inrush current	Cold start current 20A/115VAC, 40A/230VAC			
Protection	Leakage current	< 3.5mA/240VAC			
	Over load	Rated output power 110%~150% start over load protection			
		protection type: hiccup mode, auto-recovery after fault condition is			
	Over voltage	6.8~8.2V	15.6~17.8V	18.6~20.8V	
protection type: hiccup mode,auto-recovery after fault condition is removed					
Environment	Working temp,humidity	-20℃~+60℃, 20%~90%RH			
	Storage temp,humid	-40℃~+85℃, 10%~95%RH non-condensing			
	Withstand	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	129*98*38mm (L*W*H)			
	Weight/packing	0.4kg/45pcs/19kg/0.034m³/1.2CUFT			
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.				