

HSF-100W 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-100-5	HSF-100-12	HSF-100-15	HSF-100-24
Output	DC voltage	5V	12V	15V	24V
	Voltage tolerance	±2%	±1%	±1%	±1%
	Rated current	16A	8.3A	6.7A	4.2A
	Current range	0~16A	0~8.3A	0~6.7A	0~4.2A
	Rated power	80W	99.6W	100.5W	100.8W
	Ripple&noise	80mvp-p	100mvp-p	100mvp-p	120mvp-p
	DC voltage ADJ.range	-9%~+10%	±10%	±10%	±10%
Input	Voltage range	90~264VAC, 125~373VDC			
	frequency	47~63HZ			
	AC current	2.2A/115VAC, 1.1A/230VAC			
	efficiency	79%	82%	82%	84%
	Inrush current	Cold start current 20A/115VAC, 40A/230VAC			
Protection	Leakage current	< 2mA/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	
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Environment	Working temp, humidity	-20°C~+60°C, 20%~90%RH			
	Storage temp, humid	-40°C~+85°C, 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			
Fit standard	Safety standard	Fit UL1012			
	EMC standard	Meet EN55022, CLASS A			
Others	Dimension	159*97*38mm (L*W*H)			
	Weight/packing	0.48kg/45pcs/22.5kg/0.041m³/1.45CUFT			
Note	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C 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				