

HSF-200W 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/over temp
- Cooling by free air convection
- LED indicator for power on
- 100% full load burn-in test
- 2 Year warranty



Model		HSF-200-5	HSF-200-12	HSF-200-15	HSF-200-24	HSF-200-48
Output	DC voltage	5V	12V	15V	24V	48V
	Voltage tolerance	±2%	±1%	±1%	±1%	±1%
	Rated current	40A	17A	13.4A	8.8A	4.4A
	Current range	0~40A	0~17A	0~13.4A	0~8.8A	0~4.4A
	Rated power	200W	204W	201W	211.2W	211.2W
	Ripple&noise	150mvp-p	150mvp-p	150mvp-p	150mvp-p	240mvp-p
	DCvoltage ADJ.range	-9%~+10%	±10%	±10%	±10%	±10%
Input	Voltage range	90~132VAC/180~264VAC(selected by switch), 255~373VDC				
	Frequency	47~63Hz				
	AC current	4.5A/115VAC, 2.5A/230VAC				
	Efficiency	79%	85%	85%	87%	88%
	Inrush current	Cold start current 40A/115VAC, 55A/230VAC				
Protection	Leakage current	< 2mA/240VAC				
	Overload	Rated output power 110%~150% start over load protection				
		protection type: hiccup mode, auto-recovery after fault condition is removed				
	Over voltage	6.8~8.2V	15.6~17.8V	18.6~20.8V	30.6~33.2V	54.8~56.6V
		protection type: hiccup mode, auto-recovery after fault condition is removed				
Over temperature	TSW1 detect on heatsink of power transistor ≥95°C ±5°C, start over temperature protection					
	protection type: hiccup mode, auto-recovery after temperature become normal					
Environment	Working temp, humidity	-20°C ~ +60°C, 20% ~ 90% RH				
	Storage temp, humidity	-40°C ~ +85°C, 10% ~ 95% RH non-condensing				
	Withstand vibration	10~500HZ, 2G 10min/1cycle, period for 60 minutes, each axes				