

Features:

- HSF-20W

	Model	HSF-20-5	HSF-20-9	HSF-20-12	HSF-20-15	HSF-20-24
Output	DC voltage	5V	9V	12V	15V	24V
	Voltage tolerance	±1%	±1%	±1%	±1%	±1%
	Rated current	4A	2.2A	1.7A	1.4A	0.8A
	Current range	0~4A	0~2.2A	0~1.7A	0~1.4A	0~0.8A
	Rated power	20W	19.8W	20.4W	21W	19.2W
	Ripple&noise	80mvp-p	120mvp-p	120mvp-p	120mvp-p	120mvp-p
	DCvoltage ADJ.range	-9%~+10%	±10%	±10%	±10%	±10%
Input	Voltage range	90~264VAC, 125~373VDC				
	Frequency	47~63Hz				
	AC current	0.45A/115VAC, 0.25A/230VAC				
	Efficiency	75%	78%	78%	78%	80%
	Inrush current	cold start current 15A/115VAC, 30A/230VAC				
	Leakage current	< 0.5mA/240VAC				
Protection	Overload	above 115%~135% rated power				
		protection type: hiccup mode, auto-recovery after fault condition is removed				
	Over voltage	6.8~8.2V	12.6~14.2V	15.6~17.8V	18.6~20.8V	30.6~33.2V
		protection type: hiccup mode, auto-recovery after fault condition is removed				
	Over temperature	when temperature of transistor inner node is over 150℃				
protection type: hiccup mode, auto-recovery after temperature goes down						
Environment	Working temp,humidity	-10℃~+60℃, 20%~90%RH				
	Storagetemp,humidity	-20℃~+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: 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, CLASS A				
Others	Dimension	97*58*25mm (L*W*H)				
	Weight/packing	0.11kg/160pcs/18.5kg/0.033 m³/1.17CUFT				
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.					