

1000W single output switching power supply

S-1000 Series



Features:

- AC input voltage range selected by switch
- Small volume, low weight, high efficiency
- Protections: short circuit/over load/over voltage/over temp
- Built-in cooling DC fan
- Led indicator for power on
- Can be used parallel connection
- 100% full load burn-in test
- 1 year warranty

Specification Dimension:291*132*68mm

Model		S-1000-12	S-1000-15	S-1000-24	S-1000-48
Output	DC Voltage	12V	15V	24V	48V
	Voltage tolerance	±1.0%	±1.0%	±1.0%	±1.0%
	Rated Current	80A	66A	42A	20A
	Related Power	960w	990w	1008w	960w
	Wave&Noise	200mVp-p	200mVp-p	200mVp-p	200mVp-p
	DC Voltage ADJ range	±10%	±10%	±10%	±10%
	Set up,rise,hold up time	200ms 100ms 30ms			
Input	Voltage Range	95 ~132VAC 180-264VAC 47-63HZ			
	AC Current	15A/115VAC 8A/230VAC			
	Efficiency	83%	84%	85%	87%
	AC inrush current	Cold start current 50A /230VAC			
	Leakage current	<3.5mA/240VAC			
Protection	Overload	Related output power 105-150% start overload protection			
		Protection type: cutoff output, recovery after restart power			
	Over voltage	13.8V-16.2V	17.2V-20.25V	27.6V-32.4V	55.2V-64.8V
		Hiccup mode,recovers automatically after fault condition			
Over temperature	>85°C±5°C(TSW 1detect on heats ink of power transistor				
	Cutoff output, auto-recovery after temperature become normal				
Environment	Working temp humidity	-10~+60°C 20%~90%RH			
	Storage temp, humidity	-20~+85°C 20%~90%RH Non-condensing			
	Withstand vibration	10-500Hz,2G 10min/1 cycle, period for 60min, each axes			
Safety	Withstand voltage	I/P-O/P:1.5KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC			
	Isolation resistance	I/P-O/P:I/P-FG:O/P-FG: 100M Ohms/500VDC			
Standard	Safety standard	Fit UL1012			
	Refer	Design refer to GB4943,UL60950,EN60950			
	EMC standard	Design refer to GB9254,EN55022 Class A			
Size	size	L291*W132*H68mm			
	Package	2.4kg, 4 pcs/9.6kg			

Note:1.All parameters not specially mentioned are measured at 230VAC input, related load and 25°C of ambient temperature.
2.Wave&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.