

1000W Single Output Mini-size Series



- Compact size, high reliability
- Built-in fan speed control
- 100% full load burn-in test
- Protections: over current/ over voltage/ over temperature/ short circuit
- 1 year warranty
- F6100 253 x 160 x 69(mm)

AC input voltage range	170~264VAC (210~370VDC)
Input frequency	47~63Hz
Inrush current	60A/230V
Input leakage current	< 0.7mA/ 230VAC
Line regulation (full load)	$\leq \pm 0.5\%$
Output voltage adjust range	$\pm 10\%$
Output over current protection	110~130%, current limiting, auto recovery
Output over voltage protection	115~150%
Withstand voltage	I/P -O/P: 1.5KVAC/1min I/P -F/G: 1.5KVAC/1min O/P-F/G: 0.5KVAC/1min
Rise time	50ms@full load (typical)
Hold up time	20ms@full load (typical)
Operating temp. & humidity	-10°C~+50°C, 20%~90%RH (non condensing)
Storage temp. & humidity	-20°C~+85°C, 20%~95%RH (non condensing)
Safety standards	design meet GB4943, UL60950, EN60950
EMC standards	design meet GB9254, EN55022 classA
Cooling method	fan

Model	DC Output		Load regul.	R&N	Efficiency
HF1000W-SM-12	12V	84A	1.0%	150mV	82%
HF1000W-SM-24	24V	42A	0.5%	200mV	84%
HF1000W-SM-28	28V	35A	0.5%	200mV	84%
HF1000W-SM-48	48V	21A	0.5%	240mV	86%

* 12~48VDC output all available.

Drawing

