

500W Single Output M1 Series



- Compact size, high reliability
- Built-in fan speed control
- 100% full load burn-in test
- Protections: overload/ over voltage/ over temperature/ short circuit
- 5 years limited warranty
- F630 241 x 124 x 65(mm)

AC input voltage range	170~264VAC (210~370VDC)
Input frequency	47~63Hz
Inrush current	60A/230V
Input leakage current	< 1mA/ 230VAC
Line regulation (full load)	≤ ± 0.5%
Output voltage adjust range	± 10%
Output overload protection	110~130%, current limiting, auto recovery
Output over voltage protection	115~150%, shut off, re-power on to recover
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 temperature	-20°C~+50°C
Safety standards	design meet GB4943, UL60950, EN60950
EMC standards	design meet GB9254, EN55022 classA
Cooling method	fan
Packing	1.32kg/pcs, 16pcs/CTN

Model	DC Output		Load regul.	R&N	Efficiency
HF500W-SM-5	5V	80A	1.0%	120mV	80%
HF500W-SM-12	12V	42A	0.5%	150mV	84%
HF500W-SM-24	24V	21A	0.5%	150mV	85%
HF500W-SM-48	48V	10A	0.5%	240mV	86%

* 5~48VDC output all available.

Drawing

