

# MS-1000 Single Output Power Series Parameters

## Electrical Specifications

Model		MS-1000-85	MS-1000-90	MS-1000-100	MS-1000-110	MS-1000-150
<b>OUTPUT</b>	DC voltage	85V	90V	100V	110V	150V
	Current Rating	12A	11A	10A	9A	6.5A
	Current Range	0 ~27A	0 ~20A	0 ~10A	0 ~9A	0 ~6.5A
	rated power	1000W	1000W	1000W	1000W	1000W
	Ripple and Noise	450mVp-p	450mVp-p	450mVp-p	450mVp-p	450mVp-p
	Voltage adjustment range	VADJ: 0-110%	VADJ: 0-110%	VADJ: 0-110%	VADJ: 0-110%	VADJ: 0-105%
	Voltage Accuracy	±1.0%	±1.0%	±1.0%	±1.0%	±1.0%
	Line Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Load Regulation	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
	Start, the rise time	1000ms, 80ms ( Full )				
	Hold Time (Typ.)	10ms ( Full )				
<b>INPUT</b>	Voltage Range	110/220VAC				
	Frequency Range	47 ~ 63Hz				
	Power Factor (Typ.)	0.75/230V ( Full )				
	Efficiency (Typ.)	89%	89%	89%	89%	89%
	Alternating current (Typ.)	12A/110VAC 5.5A/220VAC				
	Inrush current (Typ.)	Soft Start 15A230VAC				
	Leakage current	<3.5mA / 240VAC				
<b>protection</b>	Overload	Rated output 100 ~ 105%				
	Overvoltage	Close Protection Type Output Output voltage after the restart recovery				
	Over temperature	80°C ±5°C Detection on power transistor radiators			105°C ±5°C Detection on power transistor radiators	
		Output voltage temperature shutdown protection type automatic recovery after fall				
<b>Features</b>	Remote Switch	NO				
	Auxiliary power	NO				
	Output voltage adjustable	Adjustable resistor 502 supports output voltage: 0-100% adjustable				
	Output current adjustable	Adjustable resistor 502 supports output current: 10%-100% adjustable				
	Parallel Current	NO				
<b>surroundings</b>	Operating temperature	-20 ~ 65°C				
	Working humidity	20 ~ 90%RH Non-condensing				
	Temperature Coefficient	±0.05%/°C ( 0~50°C )				
	Vibration resistance	10 ~ 500Hz, 2G 10 Ten minutes / cycle, X, Y, Z axes of 60 minutes				
<b>Safety and EMC</b>	Safety specifications	UL60950-1				
	Pressure	I/P-O/P:3KVAC/I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
	Insulation resistance	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C/ 70% RH				
	size	240*125*65mm(L*W*H)				

备注

1. 如未特别说明, 所有规格参数均在输入为230VAC, 额定负载, 25℃环境温度下进行测量。
2. 纹波和噪声测量方法: 使用一条12"双绞线, 同时终端要并联0.1 $\mu$ f和47 $\mu$ f的电容, 在20MHZ带宽下进行测量。
3. 精度: 包含设定误差, 线性调整率和负载调整率。

Organization size

机壳型号 1520B 单位 mm

