

MS-500 Single Output Power Series Parameters

Electrical Specifications

Model		MS-500-200					
OUTPUT	DC voltage	200V					
	Current Rating	2.5A					
	Current Range	0 ~2.5A					
	rated power	500W					
	Ripple and Noise	400mVp-p					
	Voltage adjustment range	ADJ-10%-+5%					
	Voltage Accuracy	± 1.0%					
	Line Regulation	± 0.5%					
	Load Regulation	± 0.5%					
	Start, the rise time	1000ms, 80ms (Full)					
	Hold Time (Typ.)	10ms (Full)					
INPUT	Voltage Range	110/220VAC					
	Frequency Range	47 ~ 63Hz					
	Power Factor (Typ.)	0.75/230V (Full)					
	Efficiency (Typ.)	89%					
	Alternating current (Typ.)	4A/180VAC 3A/220VAC					
	Inrush current (Typ.)	Soft Start 3A230VAC					
	Leakage current	<3.5mA / 240VAC					
protection	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					
Features	Remote Switch	NO					
	Auxiliary power	NO					
	Output voltage adjustable	Adjustable resistor 502 supports output voltage: 0.5V~100% adjustable					
	Output current adjustable	Adjustable resistor 502 supports output current: 10%~100% adjustable					
	Parallel Current	NO					
surroundings	Operating temperature	-20 ~ 70°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					
Safety and EMC	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	215*115*50(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 μ f和47 μ 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

