

MS-1500 Single Output Power Series Parameters

Electrical Specifications

Model		MS-1500-12	MS-1500-15	MS-1500-24	MS-1500-27	MS-1500-30
OUTPUT	DC voltage	12V	15V	24V	27V	30V
	Current Rating	125A	100A	62.5A	55A	50A
	Current Range	0 ~125A	0 ~100A	0 ~62.5A	0 ~55A	0 ~50A
	rated power	1500W	1500W	1500W	1500W	1500W
	Ripple and Noise	440mVp-p	440mVp-p	440mVp-p	440mVp-p	440mVp-p
	Voltage adjustment range	VADJ: 0-110%	VADJ: 0-110%	VADJ: 0-110%	VADJ: 0-110%	VADJ: 0-110%
	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)				
INPUT	Voltage Range	110/220VAC				
	Frequency Range	47 ~ 63Hz				
	Power Factor (Typ.)	0.75/230V (Full)				
	Efficiency (Typ.)	86%	86%	87%	87%	87%
	Alternating current (Typ.)	13A/186VAC 9A/220VAC				
	Inrush current (Typ.)	Soft Start 15A230VAC				
	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: 0-100% adjustable				
	Output current adjustable	Adjustable resistor 502 supports output current: 10%-100% adjustable				
	Parallel Current	NO				
surroundings	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				
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	248*130*70mm(L*W*H)				

