

MS-1500 Single Output Power Series Parameters

Electrical Specifications

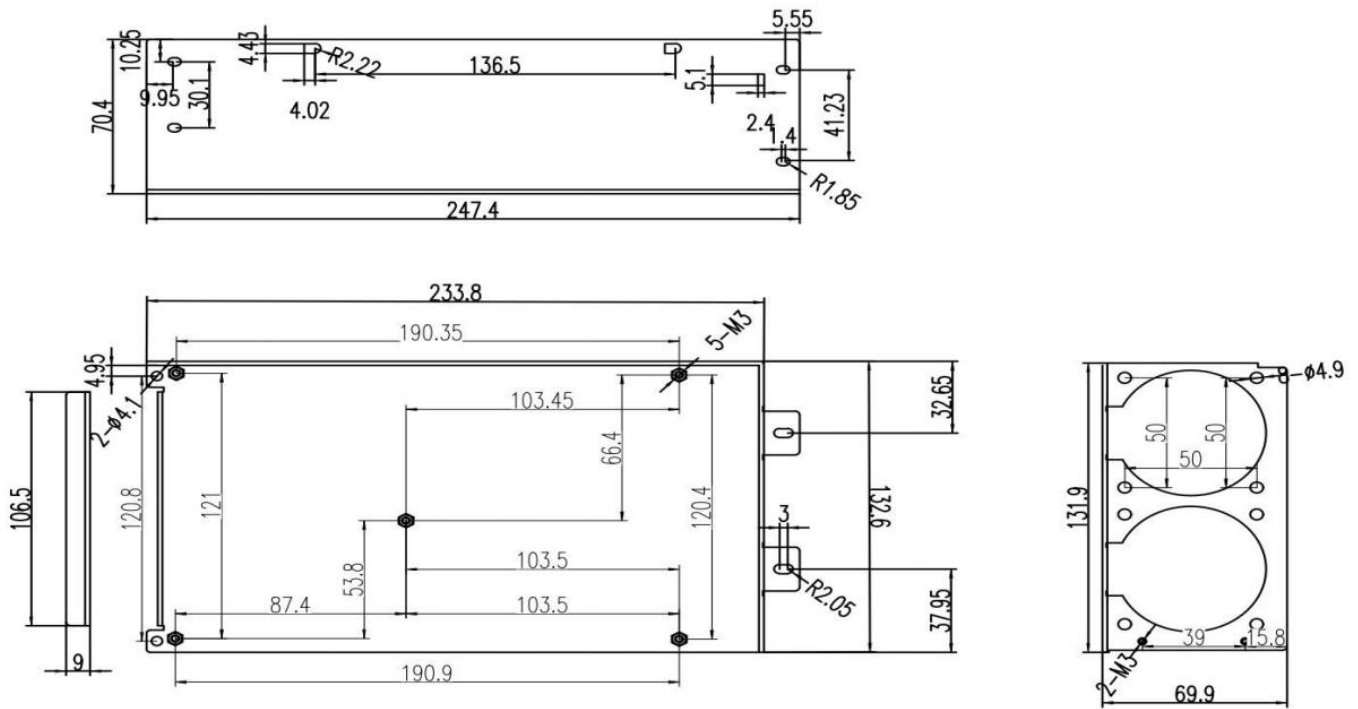
| Model | | MS-1500-85 | MS-1500-90 | MS-1500-100 | MS-1500-110 | MS-1500-150 |
|-----------------------|----------------------------|---|--------------|--------------|--|--------------|
| OUTPUT | DC voltage | 85V | 90V | 100V | 110V | 150V |
| | Current Rating | 17.5A | 16.5A | 15A | 13.5A | 10A |
| | Current Range | 0 ~17.5A | 0 ~16.5A | 0 ~15A | 0 ~3.5A | 0 ~10A |
| | rated power | 1500W | 1500W | 1500W | 1500W | 1500W |
| | 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) | | | | |
| INPUT | 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.) | 13A/186VAC 9A/220VAC | | | | |
| | Inrush current (Typ.) | Soft Start 16A230VAC | | | | |
| | 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: 3%-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) | | | | |

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0.1μf和47μf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



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