

DC TO AC POWER INVERTER

Inverter Expert

MS Series MS1200-1200W with USB

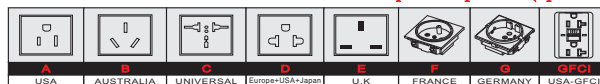
Features: ■



- With USB output port ◀
- It designed to give you quality power ,ease of use, and reliability ◀
- Low battery alarm : alerts you if the battery has become discharged to 11 Volts or lower. ◀
- Low battery voltage shutdown : shuts the inverter down automatically if the battery voltage drops below 10.5volts. it protects the battery from being completely discharged. ◀
- High battery voltage shutdown : shuts the inverter down automatically if the input voltage rises to 15volts or more. ◀
- Overload shutdown: shuts the inverter down automatically if a short circuit is detected in the circuitry connected to the inverter 's output, or if the loads connected to the inverter exceed the inverter 's operating limits ◀
- Over temperature shutdown : shuts the inverter down automatically if its internal temperature rises above an unacceptable level. ◀
- The modified sine wave output waveform suitable for many electronic loads. ◀

USB (E8) RoHS CE-LVD/EMC 1.5 YEAR LIMITED WARRANTY

AC Output Receptacles(optional)



■ Specification:

| Model | MS1200-121 | MS1200-122 | MS1200-241 | MS1200-242 | MS1200-481 | MS1200-482 | |
|---------------|--|---|-------------|------------------------|-------------|------------------------|-------------|
| Output | AC Voltage | 110V | 230V | 110V | 230V | 110V | 230V |
| | AC Voltage Range | 100~120V AC | 220~240V AC | 100~120V AC | 220~240V AC | 100~120V AC | 220~240V AC |
| | AC Regulation | ± 10% | | | | | |
| | Rated Power | 1200W | | | | | |
| | Peak Power | 2400W(few seconds) | | | | | |
| | Waveform | Modified Sine Wave | | | | | |
| | Frequency | 50/60Hz±3 | | | | | |
| | No Load Current Draw | ≤ 0.8A | | | | | |
| | Efficiency | ≥90% | | | | | |
| | USB | 5V 500mA(optional) | | | | | |
| | LED Indicator | Green for power on, Red for power failure status | | | | | |
| Cooling fan | By 30% loads or temperature control | | | | | | |
| Input | DC Voltage | 12V | | 24V | | 48V | |
| | Voltage Range | 9.5~16V DC | | 19~32V DC | | 38~64V DC | |
| | DC Connector | Battery cable BVR10*2ea | | Battery cable BVR6*2ea | | Battery cable BVR6*2ea | |
| Protection | Low Voltage Alarm | 11±0.5V DC | | 22±1V DC | | 44±2V DC | |
| | Low Voltage Shutdown | 9.5±0.5V DC | | 19±1V DC | | 38±2V DC | |
| | Reset Voltage after L. V.S | 11.5~12V DC | | 23~24V DC | | 46~48V DC | |
| | Overload | Shut off output, auto.reset | | | | | |
| | Over Voltage Shut down | 15±0.5V DC | | 30±1V DC | | 60±2V DC | |
| | Over Temperature | Shut off output automatically, auto.reset | | | | | |
| | Output Short-circuit | Shut off, auto.reset | | | | | |
| | Reverse Polarity | Fuse burn out | | | | | |
| | Replaceable Fuse | 40A*4 | | 20A*4 | | 10A*4 | |
| | Soft Start | Yes, 3~5s | | | | | |
| Earth Leakage | Yes | | | | | | |
| Accessory | Remote Control | Optional | | | | | |
| Environment | Working Temp. | 0~30°C= @ 100% load; 40°C=@50% load | | | | | |
| | Working Humidity | 20%~90% RH non-condensing | | | | | |
| | Storage Temp., Humidity | -30~+70°C/-22~+158°F, 10~95%RH | | | | | |
| | Temp. Coefficient | 10%~90% RH | | | | | |
| Safety&EMC | Isolation Resistance | -20°C ~ +50°C | | | | | |
| | EMI Conduction & Radiation | I/P-O/P:100M Ohms/500VDC/25/70%RH | | | | | |
| | EMS Immunity | Compliance to EN55022 chass B, 72/245/CEE, 95/64/CE | | | | | |
| | LVD | Compliance to EN61000-4-2,3 | | | | | |
| Other | E-mark | Compliance to EN60950, EN61558-1-2 | | | | | |
| | N.W.(g) | 2550g | | | | | |
| | Dimension(cm) | 27*23*10cm | | | | | |
| | Packing | Gift box, 4 units/14Kg/Ctn(61*32.5*38.5cm) | | | | | |
| Output Socket | A, B, C, E, F, G,H,I,J,K,L,M,N(optional) | | | | | | |