

INV1200-S

Portable Power Inverter

IMPORTANT

“ The output of this inverter is a true RMS AC. Most of the testers in the market are not true RMS. Only true RMS AC Voltmeter can give the right output voltage reading. ”



OWNER'S MANUAL

USAGE:

Provides electrical power to your home appliances and other electrical equipment anywhere you want.

SPECIFICATIONS:

MODEL	INV1200-S
Output Power	1200 Watts (Continuous)
Output Peak Power	2400 Watts
Input Voltage (Depending on Model)	11-15 V DC 20-30 V DC
RMS Output Voltage (Depending on Model)	110 or 220 V AC (50 Hz or 60 Hz)
RMS Output Voltage Stability	5%
Output Frequency (Depending on Model)	Modified Sine Wave
Efficiency	Greater than 90%
Dimensions	250 x 150 x 146 mm
Maximum Consumption (Depending on Model)	12 V / 100 A 24 V / 50 A

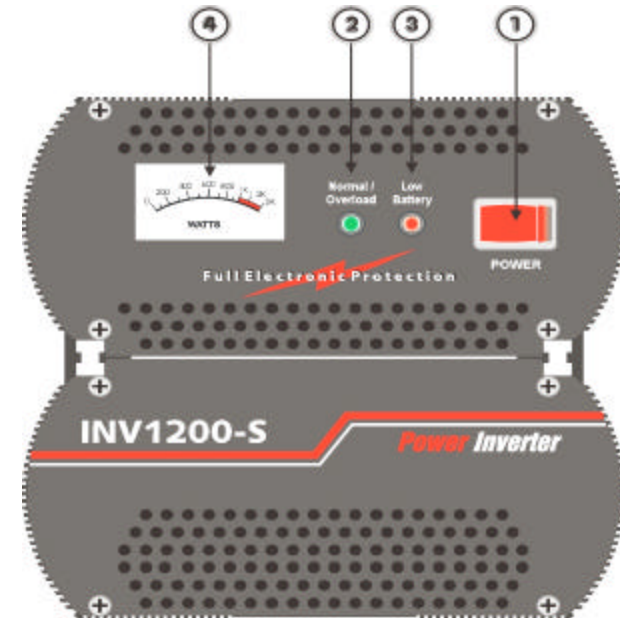
Special Features:

1. Specially designed to start high capacity load such as motors, television, computers, etc.
2. Audible alarm on low battery and auto-shutdown circuit.
3. Power Meter for continuous load monitoring.
4. Fully protected against Input Low Voltage, Overload, Over Temperature and Short Circuit.

Note:

1. Do not reverse polarity.
2. The consumption of this inverter is high. Connect it directly to the battery. Use cable gauge base on the table. Tight well the screw when mounting the wires.
3. If the **overload** light is red, reduce the load, do not leave the overload protection for extended period of time.

PANEL LAYOUT:

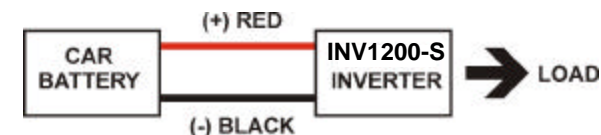


1. Power Switch.
2. Red = Overload; Green = Normal
3. Low Battery – When the battery voltage is low, the light will glow and the buzzer activates (ring). Later on, the output voltage will automatically shutdown, in order to protect the battery.
4. Output Power Reading.

BRACKET MOUNTING:

- Remove the footings and replace them with the brackets.

CIRCUIT DIAGRAM:



MINIMUM SIZE OF WIRE

INV1200-S	12V	24V
Less than 1.5 m	AWG6 / 14 mm ²	
Less than 3 m	AWG4 / 22 mm ²	