

TECHNICAL SPECIFICATIONS

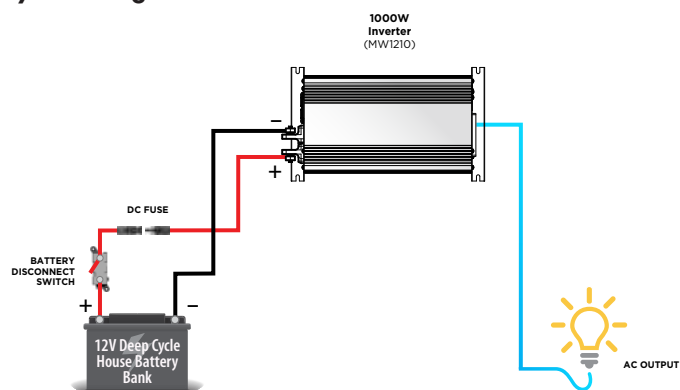
MW1210 120 VAC Series 1000W Modified Sine Wave Inverter



Product features

- Modified sine wave output for economical power.
- Low battery shutdown prevents total battery discharge.
- Built in LED display for battery status and load measurement.
- GFCI outlets for safe operation.
- USB port for charging USB devices.
- Compact size for easy storage.
- Silent operation.

System diagram



Product dimensions

Length: 12.3", Width: 6.9", Height: 3.5" (312mm x 175mm x 89mm)

Available output sockets



USA / CAN



HARDWIRE

Specifications subject to change without notice.

MW1210

120 VAC Series
1000W Modified Sine Wave Inverter

AC Output

Power (Continuous)	1000W
Power (Peak)	2000W
Voltage/Frequency	120VAC / 60 Hz
Current	8.3A
Waveform	Modified Sinewave (<3% THD)
Peak Efficiency	90%
AC Receptacle	NEMA 5-15 (GFCI)

DC Output

5V USB	750mA
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DC Input

Voltage (nominal)	12.5Vdc
Operation Range	10.5 - 15.5Vdc
Inverter Standby Current (no load)	<0.6A
Current (full load)	94A

Protection

Input Undervoltage Warning	11.2Vdc
Input Undervoltage Shutdown	10.5Vdc
Input Undervoltage Recovery	11.8Vdc
Input Overvoltage Shutdown	15.5Vdc
Output Power Warning	N/A
Output Power Shutdown	Shutdown Code
Output Short Circuit	Shutdown Code
Temperature Warning	N/A
Temperature Shutdown	Shutdown Code

Display Panel

LED Indicator	Status
LED Digital Display	Input Voltage, Output Power
Remote Port	Yes (RJ12)
Remote Panel	Optional (for ON/OFF use)
Ignition Start	Use Ignition Start Port

Operating Temperature

Storage Range	-40° to 70° C (-40° to 158° F)
Operating Range	-20° to 60° C (-4° to 140° F) derated linearly from 40° to 60° C (104° to 140° F)

Regulatory Compliance

Markings	cETLus
Conformance	UL & CSA Standards (UL458/CSA C22.2 No. 107.2-01)
EMI/EMC	FCC Part 15 Class B

Available output sockets



USA / CAN HARDWIRE
(GFCI & Breaker Protected)

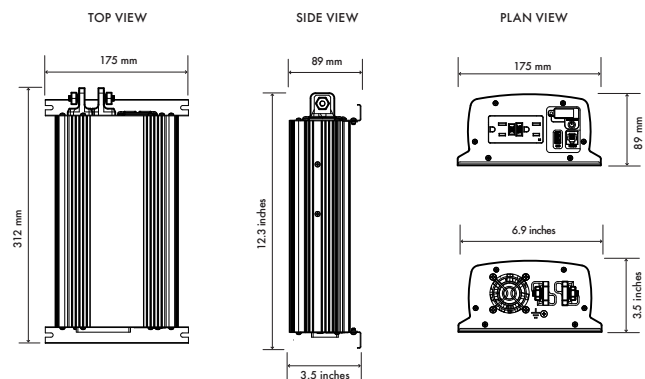
Accessories (optional)

Remote ON/OFF switch	RM1201-00
Ignition Start Cable	ISO1

Enclosure

Dimensions (L x W x H)	12.3" x 6.9" x 3.5" (312mm x 175mm x 89mm)
Net Weight	5.3 lbs. / 2.41 Kg
Accessory	Not Applicable

Schematic Drawings



Standard warranty

1 year warranty



This product carries a cETLus safety certification which complies with the Regulatory safety standards for North America.

All specifications subject to change without notice.
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