

## TECHNICAL SPECIFICATIONS

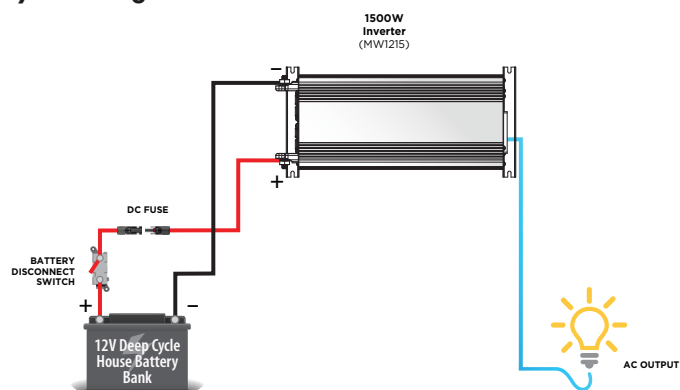
### **MW1215** 120 VAC Series 1500W Modified Sine Wave Inverter



#### 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: 15", Width: 6.9", Height: 3.5" (381mm x 175mm x 89mm)

#### Available outputs



USA / CAN



HARDWIRE

Specifications subject to change without notice.

## MW1215

120 VAC Series  
1500W Modified Sine Wave Inverter

### AC Output

Power (Continuous)	1500W
Power (Peak)	3000W
Voltage/Frequency	120VAC / 60 Hz
Current	12.5A
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)	140A

### 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 Outputs



USA / CAN HARDWIRE  
(GFCI & Breaker Protected)

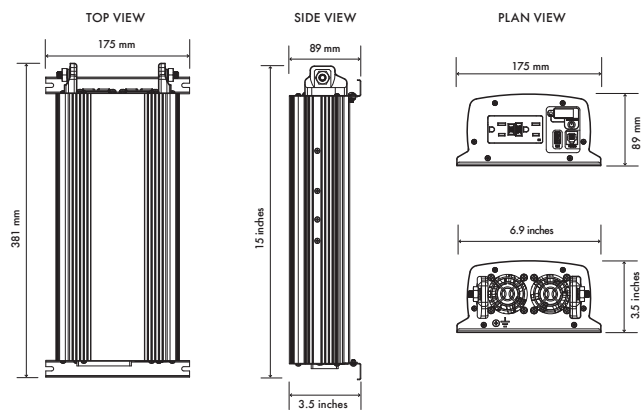
### Accessories (optional)

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

### Enclosure

Dimensions (L x W x H)	15" x 6.9" x 3.5" (381mm x 175mm x 89mm)
Net Weight	6.9 lbs. / 3.14 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.

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