



# POWER INVERTER

Modified Sine Wave



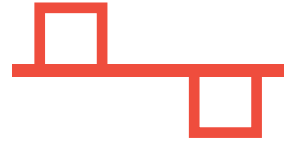
**POWERMAN**

KUNSHAN POWERMAN ELECTRONICS CO., LTD.  
[www.powermanelec.com](http://www.powermanelec.com)

# FEATURES

Powerman provides a full range of Modified Sine Wave Inverters.

The Modified Wave Inverter is perfect for most off-grid systems, whether for a van, semi-trucks, 5th wheels, cabin, or any remote location needing power.



## LED Display

Real time power display.

## Safety Guaranteed

Modified Sine Wave inverters have five protections: Over load, Low Voltage, Over Voltage, Short Circuit, Over Temperature, to ensure electricity safety.

## EASY-TO-USE

inverter has AC outlets and USB output, which is easy to plug and use.

## Smart Fan

The cooling fan of the Inverter is intelligently controlled and will only start when the operating temperature reaches 104°F, so it is quieter and more energy efficient.

## Aluminum Housing

The advantage of aluminum housing is light weight, sturdy and it has strong thermal conductivity. The wrinkles on the surface of the inverter can increase the heat dissipation area, so it has very good heat dissipation.



**MA1000**  
1000 Watt Modified Sine Wave  
Power Inverter



**MA1500**  
1500 Watt Modified Sine Wave  
Power Inverter



**MA2000**  
2000 Watt Modified Sine Wave  
Power Inverter



**MA3000**  
3000 Watt Modified Sine Wave  
Power Inverter



**MA5000**  
5000 Watt Modified Sine Wave  
Power Inverter

## ■ SPECIFICATION

MODEL	MA1000	MA1500	MA2000	MA3000	MA5000
Output Waveform	Modified Sine Wave				
Nominal Input Voltage	12.8 ~ 13.2 VDC				
Operating Input Voltage	10.0 ~ 15.0 VDC				
Nominal Output Voltage	120V $\pm$ 10% VAC				
Continuous Output Power	1000W	1500W	2000W	3000W	5000W
Surge Output Power	2000W	3000W	4000W	6000W	10000W
Output Frequency	60Hz $\pm$ 3Hz				
USB Output	5V / 2A				
Replaceable Internal Fuse	40A Blade Fuse *3	30A Blade Fuse *6	30A Blade Fuse *8	40A Blade Fuse *8	35A Blade Fuse *16
Operating Ambient Temperature	32 ~ 104 $^{\circ}$ F				
Operating Humidity	10 ~ 90% RH				
Protection Functions	Short Circuit / Over Temperature / High Voltage / Low Voltage / Over Load Protection				
Product Dimension	5.04 * 7.28 * 2.95 in	8.27 * 6.69 * 3.54 in	9.57 * 9.65 * 3.58 in	10.4 * 12.9 * 4.6 in	10.4 * 19.7 * 4.6 in

# INTERFACE INTRODUCTION



Real time power display.



Electrical Appliance



Mobile phone / Pad