



BESTEK GLOBAL LLC

2000 Watt Power Inverter

MODEL NO.: MRI20011

Thank you for choosing BESTEK Product!
Please read this instruction manual before using and keep it for future reference!

Introduction:

1. The 2000W Inverter converts DC power stored in 12-Volt batteries or other DC power sources into the AC electrical power that many home appliances and tools need. That is perfect for use at worksites, on boats, or for permanent use in a solar power setup and ideal for running home appliances, pumps, and motors.
2. It provides 4600 Watts of peak surge power to get your gear started, and 2000 Watts of continuous power to keep it running for your notebook, TV, fan, refrigerator, games machine, DVD, MD, light, musical instrument, solar panel and outdoor work.
3. With numerous safety features to keep you and your gear safe, will automatically shut down in the event of short-circuits, low battery power, DC input voltage overload, output overload, or excessive temperature. And can resume working automatically after these exceptions eliminated.
4. Equipped with LED light, power switch, a high-speed cooling fan, 6 external 50A fuses, and a soft-start, surge protection, input & output isolated system.
5. Weighing only 4480g, compact, portable and can be easily installed right where you need it.

Technical Specifications:

Input Voltage	DC 11-15V
Output Voltage	AC 110-120V / 60Hz
Continuous Output Watts	2000W
Peak Output Capacity	4600W
Low Voltage Protection	DC10-10.5V
Over Voltage Protection	DC15-16V
Converter Efficiency	≥91%
Operating Temperature	-5~40 C
Humidity	10~90%
Dimension	280.0mmx165.0mmx140.0mm
Weight	4480±30g
LED Indicator	Constant Green - power on and in operation Constant Red - inverter shutdown

Operation Guide:

1. Open the package box and fetch the product out.
2. Screw off the nuts on the poles; connect the wire with red and black loop to the red and black pole respectively. Screw down the nuts tightly to make the loops connect with the poles.
3. Battery clamps comes along with the power inverter for your convenient use.
 - a) Use the Crocodile Clip Cable to connect the battery: Clip the red clip to the positive pole (+) of the battery, black to the negative (-). Make sure not clip them conversely or the connection protection will function and cause fusing. In this case, replace with a new fuse of the same type and connect again.
4. Switch on the power. It means the inverter is at normal situation when the indicator alters from red to green. Plug the electric appliance to the socket of the inverter and turn it on.

Troubleshooting:

a. Problem: AC product will not operate, no inverter lights are on.

Possible Cause	Solution
Loose connections	Check cable and connections. Tightens required

b. Problem: AC product will not operate, RED light ON.

Possible Cause	Solution
The input voltage is out of the rating range, it triggers over voltage or under voltage protection.	Connect the power inverter to 12V battery, check if the battery capacity is full.
The AC power load is exceed the rating output. It triggers over Load Protection.	Apply to electric appliances under the rated power.
Short Circuit Protection	Check if the electric appliances is short circuit connected.
Over Temperature Protection	Cut off all the power load and allow the inverter to be cool for 15 minutes. Move the inverter to a cooler place, reduce power load if continuous operation is required. Restart the inverter.

Notes:

1. Caution! Only for 12V DC and 2000W AC electric devices, do not applied for 24V or high power appliances, not to be used for more than 2000W. Hook up all terminals for 2000W total use.
2. Please tighten the Positive (+) and Negative (-) terminals nuts when connecting, otherwise its loosing nuts will block the current and cause it smoke.
3. Please turn off all the load when the red LED constantly light up; Reduce AC load when the red LED light flashes.
4. Only access the AC load after the green LED light.
5. Don't use any liquid into the inverter or use wet cloth to wipe the cabinet. Never touch the AC output or input connector with wet hands.
6. Please avoid sunshine, don't use the inverter in sloppy, dusty, high temperature or temperature varies too sharply environment.
7. Please don't jam the louver beside the machine or use the machine beside heat sources such as electric heater and radiator.
8. Don't let self-determination deficient people (such as a child) use the product.

Warranty:

Our company provides customers with a warranty of 18 MONTHS from the date of purchase.

Contact Us:

For any inquiries or comments regarding our products, please send an email to customers.us@bestekcorp.com, and we will respond to you as soon as possible. If there is any quality-related issue with the product, you may request a REPLACEMENT OR REFUND by submitting a request to us.

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