

## FRONT

**MobileSpec™**  
connect. listen. live.

175W direct plug power inverter  
onduleur à prise directe de 175 W

- 175W Continuous power
- Dual port — Standard USB and USB-C™ port
- Single 3-prong AC outlet
- High/low voltage, overtemp and overload protection



Owners Guide

MSI175

### SPECIFICATIONS

Input	12VDC (11-15VDC)
Output	115V+/-10VAC
Output Frequency	60+/-3Hz
Output Waveform	Modified Sine Wave (MSW)
Continuous Power	140W
Surge Power	Total 175W for 30 minutes
Efficiency	85% Max
No Load Draw	<0.3A
Low Battery Shutdown	0V+/-0.5VDC
USB Output Port	Shared 3.5A
USB-C™ Output Port	Shared 3.5A
AC Output Socket	1 North American standard socket
Internal Fuse/Replacement Fuse	20A blade fuse (Replaceable)
Operating Temperature	Ideally 14°F-104°F
Battery Low Alarm	NA
Power Cable Length	NA

### Important SAFETY INFORMATION

#### SAVE THESE INSTRUCTIONS

AC power is like normal household outlets. It is suggested that you treat it with the same respect that you would any AC outlet.

- DO NOT insert any foreign objects into the unit's outlet, vents or fan openings.
- DO NOT expose the Inverter to moisture, rain, or snow.
- DO NOT connect unit to utility power distribution systems or branch circuits.

As your vehicle's battery is used, voltage begins to fall. When the unit senses that the voltage has decreased to 10.5 V, the MSI175 will automatically turn off, protecting your battery from failure.

When using a vehicle battery as a power source, it is recommended you start your vehicle at least every two hours to recharge the battery. Do not run vehicle in enclosed area.

If an AC product rated higher than 175 W is plugged into the unit, the inverter will shut down to prevent damage to the unit or product.

If the unit exceeds an optimal operating temperature, the inverter will shut down. Always be sure the unit has enough free space around the ensure proper ventilation.

If a short should occur in the AC device the unit will shut down, to prevent damage to the unit or product.

### INVERTER OPERATING INSTRUCTIONS

#### AC OPERATION

- Plug the inverter into your Vehicle's accessory socket. The green LED lights showing the unit has power.
- Plug an AC-powered device into the three-prong AC receptacle and turn it on. Make sure that the power rating of the device is less than the "peak power" of the inverter.
- To ensure draining your vehicle's battery, always remove the unit from the 12 V outlet when not in use.

#### USB OPERATION

- Powers most consumer electronics that have a USB power port. Consult the product's owner's guide for exact details.
- Plug the inverter into your Vehicle's accessory socket. The green LED lights showing the unit has power.
- Plug an USB-powered device into the three-prong AC Receptacle and turn it on.
- To ensure draining your vehicle's battery, always remove the unit from the 12 V outlet when not in use.

## BACK

### WARNINGS

- Use only for original intended use. No serviceable parts inside. Altering or tampering with the product or any of its components may result in shock, fire, product damage and/or vehicle damage.
- This product includes an in-line fuse for electrical protection and is the only consumer serviceable part of this product.

### CAUTION

- Check the manufacturer's specifications for proper voltage.
- Make sure total draw of all accessories is less than 10 Amps.

### FUSE REPLACEMENT

- Turn tip counterclockwise to open fuse socket.
- Replace fuse with 20 Amp fuse only.

**ATTENTION: Maximum wattage available depends on power outlet rating.**

**amps x volts = watts.**

**A 10 amp outlet can only supply 120 watts**

**a 15 amp outlet can supply up to 180 watts**



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