

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Traveller](#) /

› [Fits Traveller 1,500 Watt Heavy-Duty Digital Power Inverter User Manual](#)

Traveller 7817M

Fits Traveller 1,500 Watt Heavy-Duty Digital Power Inverter User Manual

Model: 7817M

INTRODUCTION

The Traveller 1500 Watt Heavy-Duty Digital Power Inverter is designed to convert 12V DC power from your vehicle's battery into 115V AC household power. This allows you to operate a wide range of electronics, appliances, and tools on the go. With 1500 watts of continuous power and a 3000 watt peak power capability, it provides a reliable power source for your mobile needs.



Figure 1: Traveller 1500W Power Inverter in use, demonstrating its portability and application for vehicle-based power needs.

SAFETY INFORMATION

Please read and understand all safety instructions before operating the power inverter. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not open the inverter casing. There are no user-serviceable parts inside.
- Ensure proper ventilation around the inverter to prevent overheating.
- Connect the inverter only to a 12V DC power source. Connecting to other voltages may damage the unit.
- Keep the inverter away from water, moisture, and flammable materials.
- Do not overload the inverter. The total wattage of connected devices must not exceed 1500 watts continuous.
- The inverter features built-in overheat, short circuit, and overload protection. If these protections activate, disconnect the load and allow the unit to cool or resolve the issue before reconnecting.
- A low battery shutdown feature protects against excessive battery drain. Recharge your 12V battery if this occurs.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1x Fits Traveller 1,500W Heavy-Duty Digital Power Inverter
- Battery clamp cables (pre-attached or included separately)
- Mounting brackets (pre-attached or included separately)
- User Manual (this document)

PRODUCT FEATURES



Figure 2: Front panel of the Traveller 1500W Power Inverter, highlighting its connectivity options and digital display.

- **Powerful Performance:** Delivers 1500W continuous power and 3000W peak power for a wide range of devices.
- **Versatile Connectivity:** Equipped with 3 standard AC outlets and 1 USB port for charging smartphones, tablets, and other USB-powered devices.
- **Digital Display:** Provides real-time status updates including output power, input voltage, and error indications for easy monitoring.
- **Reliable Protection:** Integrated safety features include overheat, short circuit, and overload protection to safeguard the inverter and your devices.
- **Efficient Conversion:** Converts 12V DC vehicle power to 115V AC household power efficiently.
- **Portable Design:** Compact size (7.28 x 6.71 x 10.44 inches) and includes mounting brackets for secure and convenient installation.

- **Low Battery Shutdown:** Automatically shuts down to prevent excessive discharge of your vehicle's battery.

SETUP AND INSTALLATION

1. **Choose a Location:** Select a dry, well-ventilated area for the inverter, away from direct sunlight, heat sources, and moisture. Ensure there is sufficient space around the unit for air circulation.
2. **Mounting (Optional):** Use the provided mounting brackets to securely fasten the inverter to a stable surface in your vehicle, boat, or RV. Ensure the mounting surface can support the weight of the inverter.
3. **Connect to 12V DC Source:**
 - Ensure the inverter's power switch is in the OFF position.
 - Connect the red positive (+) cable from the inverter to the positive (+) terminal of your 12V battery.
 - Connect the black negative (-) cable from the inverter to the negative (-) terminal of your 12V battery.
 - Ensure all connections are tight and secure to prevent arcing and ensure optimal performance.
4. **Initial Power On:** Once connected, switch the inverter's power button to the ON position. The digital display should illuminate, showing the input voltage.

OPERATION

1. **Powering Devices:**
 - Ensure the inverter is powered on.
 - Plug your 115V AC devices into the AC outlets on the inverter.
 - For USB-powered devices, plug them into the USB port.
 - Turn on your devices one by one.
2. **Monitoring the Digital Display:** The digital display cycles through important information:
 - **Input Voltage:** Shows the current voltage of your 12V battery.
 - **Output Power:** Displays the total wattage being drawn by connected devices.
 - **Error Indication:** If an error occurs (e.g., overload, overheat, low battery), an error code or message will be displayed. Refer to the Troubleshooting section for details.
3. **Powering Off:** When finished, turn off all connected devices, then switch the inverter's power button to the OFF position.

Important: Always ensure the total wattage of all connected devices does not exceed the inverter's continuous power rating (1500W). Some devices, especially those with motors or compressors, may have a higher startup (peak) wattage. The inverter can handle up to 3000W peak power for short durations.

MAINTENANCE

- **Cleaning:** Periodically clean the exterior of the inverter with a soft, dry cloth. Do not use liquid cleaners or solvents. Ensure ventilation openings are free from dust and debris.
- **Connections:** Regularly check the battery cable connections to ensure they are tight and free from corrosion. Loose connections can lead to power loss or overheating.
- **Storage:** When not in use for extended periods, store the inverter in a cool, dry place, disconnected from the battery.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Inverter does not turn on.	Loose battery connections; Dead or low battery; Inverter switch off; Internal fuse blown.	Check and tighten battery connections; Recharge or replace battery; Ensure switch is ON; Contact customer support if fuse is suspected.
No output power / Inverter shuts down.	Overload protection activated; Overheat protection activated; Low battery voltage shutdown; Short circuit.	Reduce connected load; Allow inverter to cool down and ensure ventilation; Recharge battery; Check for short circuits in connected devices/cables.
Digital display shows error code.	Specific error condition (e.g., low voltage, overload, overheat).	Refer to the specific error code in the manual (if provided by manufacturer, otherwise general troubleshooting applies). Address the underlying issue (e.g., recharge battery for low voltage).
Fan runs constantly or loudly.	High internal temperature; Heavy load.	Ensure adequate ventilation; Reduce load if possible. This is normal operation for cooling under load.

SPECIFICATIONS

Feature	Detail
Model Number	7817M
Continuous Power	1500 Watts
Peak Power	3000 Watts
Input Voltage	12V DC
Output Voltage	115V AC
AC Outlets	3
USB Port	1
Safety Protections	Overheat, Short Circuit, Overload, Low Battery Shutdown
Dimensions (L x W x H)	10.44 x 7.28 x 6.71 inches
Item Weight	6.35 pounds
Recommended Use	Charging and powering electronics, appliances & tools in a vehicle, boat or RV

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official Traveller product support website. Keep your proof of purchase for any warranty claims.



© 2024 Traveller. All rights reserved.