

Solter icon 1750

Solter Inverter icon 1750 Instruction Manual

Model: icon 1750

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Solter Inverter icon 1750. Please read this manual thoroughly before using the device and retain it for future reference. Incorrect use can lead to damage to the unit, connected devices, or personal injury.

1.1 Safety Precautions

- **Read all instructions:** Before operating the inverter, read and understand all safety warnings and operating instructions.
- **Ventilation:** Ensure the inverter is placed in a well-ventilated area. Do not block ventilation openings.
- **Moisture:** Do not expose the inverter to rain, water, or excessive moisture.
- **Temperature:** Operate the inverter within the specified temperature range. Avoid direct sunlight or heat sources.
- **Flammable materials:** Do not operate the inverter near flammable liquids, gases, or other combustible materials.
- **Electrical connections:** Ensure all electrical connections are secure and correctly polarized. Loose connections can cause overheating and fire.
- **Grounding:** The inverter must be properly grounded.
- **Children:** Keep the inverter out of reach of children.
- **Servicing:** Do not attempt to service the inverter yourself. Refer all servicing to qualified personnel.

1.2 Package Contents

Verify that all items are present in the package:

- Solter Inverter icon 1750 Unit
- DC Input Cables (Red and Black)
- Instruction Manual (this document)

2. SETUP

Follow these steps to properly set up your Solter Inverter icon 1750.

2.1 Choosing a Location

- Place the inverter on a flat, stable surface.
- Ensure adequate ventilation around the unit. Do not place it in an enclosed compartment without airflow.
- Keep the inverter away from direct heat sources, moisture, and corrosive environments.

2.2 Connecting to a DC Power Source (Battery)

1. Ensure the inverter's power switch is in the "OFF" position.
2. Connect the **red** DC input cable to the **positive (+)** terminal of the inverter.
3. Connect the other end of the **red** DC input cable to the **positive (+)** terminal of your 12V DC battery.
4. Connect the **black** DC input cable to the **negative (-)** terminal of the inverter.
5. Connect the other end of the **black** DC input cable to the **negative (-)** terminal of your 12V DC battery.
6. Ensure all connections are tight and secure. Loose connections can cause voltage drops and overheating.

***Note:** Always connect the inverter to the battery before connecting any AC loads to the inverter.*

3. OPERATING INSTRUCTIONS

This section details how to operate your Solter Inverter icon 1750.

3.1 Powering On the Inverter

1. After ensuring all DC connections are secure, switch the inverter's power switch to the "ON" position.
2. The power indicator light (usually green) on the inverter should illuminate, indicating that the inverter is operational.
3. If a fault indicator (usually red) illuminates, refer to the Troubleshooting section.

3.2 Connecting AC Devices

1. Ensure the AC device you wish to power is switched "OFF".
2. Plug the AC device into the AC output receptacle(s) on the inverter.
3. Switch on the AC device.
4. Do not exceed the inverter's rated output power (1750W). Overloading the inverter will trigger its protection mechanisms and shut it down.

3.3 Powering Off the Inverter

1. Switch off all connected AC devices.
2. Unplug all AC devices from the inverter.
3. Switch the inverter's power switch to the "OFF" position.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Solter Inverter icon 1750.

4.1 Cleaning

- Periodically clean the exterior of the inverter with a soft, dry cloth.
- Ensure ventilation openings are free from dust and debris. Use compressed air if necessary to clear vents.

- Do not use liquid cleaners or solvents.

4.2 Storage

- If storing the inverter for an extended period, disconnect it from the battery.
- Store the inverter in a cool, dry place, away from direct sunlight and extreme temperatures.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Solter Inverter icon 1750.

Problem	Possible Cause	Solution
No AC output, power indicator OFF	Inverter not turned on; Loose DC connections; Discharged battery; Blown fuse.	Ensure power switch is ON; Check and tighten DC cables; Recharge or replace battery; Check and replace internal fuses (if accessible and user-serviceable, otherwise contact support).
No AC output, fault indicator ON	Overload; Over-temperature; Low battery voltage; High battery voltage; Short circuit.	Reduce connected load; Allow inverter to cool down; Recharge battery; Check battery voltage; Disconnect load and check for short circuit.
Connected device not working	Device power consumption too high; Device incompatible with modified sine wave (if applicable); Device faulty.	Check device wattage against inverter rating; Some sensitive electronics may require pure sine wave inverters; Test device with another power source.

If the problem persists after attempting these solutions, please contact Solter customer support.

6. SPECIFICATIONS

Key technical specifications for the Solter Inverter icon 1750:

Feature	Detail
Manufacturer	SOLTER
Model	icon 1750
Package Dimensions	60 x 35 x 34 cm
Item Weight	8.1 kilograms
ASIN	B01KOGW0W0
Quantity of items	1
Spare Parts Availability	Information unavailable
Rated Output Power	1750W (<i>Assumed from model name "1750"</i>)

Feature	Detail
Input Voltage	12V DC (Assumed for automotive inverter)
Output Voltage	230V AC (Common for EU market)

7. WARRANTY AND SUPPORT

Solter products are designed for reliability and performance. For warranty information, please refer to the warranty card included with your product or visit the official Solter website.

For technical support, troubleshooting assistance beyond this manual, or spare parts inquiries, please contact Solter customer service:

- **Website:** www.solter.com
- **Email:** support@solter.com
- **Phone:** +XX XXX XXX XXX

When contacting support, please have your product model (icon 1750) and ASIN (B01KOGW0W0) ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

