

Egretech Sonic 2200W

Egretech Sonic 2200W Portable Power Station User Manual

Model: Sonic 2200W

1. INTRODUCTION

The Egretech Sonic 2200W Portable Power Station is a versatile and powerful energy solution designed for various applications, including emergency backup, RV use, camping, and home power outages. It features a built-in 2200Wh NCM Lithium battery pack, delivering 2200W of continuous AC power with a peak output of 3300W. Its high energy density allows for significant power storage within a compact and portable design, weighing approximately 46.3 lbs.

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Sonic 2200W Portable Power Station. Please read it thoroughly before use.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prolong the lifespan of your power station, please adhere to the following safety guidelines:

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Do not place the unit near fire or expose it to direct heat.
- Do not store or use the unit in high-temperature environments, such as direct sunlight or inside a vehicle during hot weather.
- Do not use or store the unit in a bathroom or in areas exposed to water or high humidity.
- Use only the provided or approved accessories.
- Keep the unit away from children and pets.
- Do not drop, hit, or subject the unit to strong impacts.
- If the unit emits an unusual odor, generates heat, or shows any other abnormality, discontinue use immediately and contact customer support.
- Ensure proper ventilation during use and charging to prevent overheating.

- Do not insert foreign objects into the ports or openings.

3. PACKAGE CONTENTS

Upon unpacking your Egrettech Sonic 2200W Portable Power Station, please verify that all the following items are included:

- Egrettech Sonic 2200W Portable Power Station
- AC Charging Cable
- Car Charger to XT60 Cable
- Operation Manual (this document)
- Warranty Card



Image: The Egrettech Sonic 2200W Portable Power Station shown with its AC charging cable, car charger cable, and user manual.

4. PRODUCT OVERVIEW

4.1. Components and Display

The Sonic 2200W features a clear display panel and multiple output ports for various devices.

NCM BATTERY WITH CERTIFICATION **UL2743**

BMS 12+

Intelligent Management System
12 Protection Feature

1000+

≥1000 Cycles to 80%

 **×2**

Intelligent Temperature
-Controlled Cooling Fan



Image: Front panel of the power station, highlighting the digital display, AC outlets, USB ports, and control buttons.

4.2. Output Ports

The power station is equipped with a comprehensive set of output ports to meet diverse power needs:

- **AC Ports:** 4 x 2200W Max Pure Sine Wave AC outlets
- **USB-C Ports:** 2 x 100W Max PD 3.0 USB-C ports
- **USB-A Ports:** 4 x USB-A ports
- **DC5525 Ports:** 2 x 60W Max DC5525 ports
- **Car Port:** 1 x 132W Max DC car port

- **Wireless Charging:** 1 x 15W Max wireless charging output port

This configuration allows for simultaneous charging of up to 14 devices.

5. SETUP

5.1. Initial Charging

Before first use, it is recommended to fully charge the power station. The Sonic 2200W features G-Flow fast recharge technology, allowing it to charge from 0% to 80% in approximately 60 minutes using the AC input cable at 1800W.

5.2. Charging Methods

The power station supports multiple charging methods:

- **AC Charging:** Connect the provided AC cable directly to a wall outlet. No bulky adapter is required.
- **Solar Charging:** Connect compatible solar panels (up to 2 x 400W via XT60 input ports) for environmentally friendly charging. Full charge typically takes 4-5 hours with optimal sunlight.
- **Car Charging:** Use the provided Car Charger to XT60 cable to charge from your vehicle's 12V car port. A full charge takes approximately 21 hours.

FAST CHARGING 1800W AC INPUT

AC Charging



400Wx2 Solar Charging

0-100% in 4~5Hrs



Car Charging

0-100% in 21Hrs

Image: Diagram illustrating the fast AC charging capability of the power station.

FREE GREEN ENERGY SOLAR PANEL RECHARGING



Image: A user connecting solar panels to the power station for recharging outdoors.

6. OPERATING INSTRUCTIONS

6.1. Powering Devices

To power your devices, simply connect them to the appropriate output port on the power station. Ensure the power station is turned on and the specific output section (e.g., AC, USB) is activated if it has a dedicated button.

SUPPORT **14** DEVICES AT THE SAME TIME



4 x AC



4 x USB-A



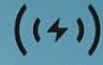
2 x PD USB-C



2 x DC5525



1 x Car Port



1 x WLC



Image: The power station in use, demonstrating its ability to support multiple devices simultaneously.

6.2. Uninterruptible Power Supply (UPS) Function

The Sonic 2200W supports pass-through charging, allowing it to charge itself while simultaneously powering connected devices from an AC input. In the event of a power outage, the UPS mode automatically switches to battery power within 20 milliseconds. This ensures a seamless transition and uninterrupted power supply, protecting sensitive equipment from disruptions.

UPS (UNINTERRUPTIBLE POWER SUPPLY)

It seamlessly switches to battery power during outages, ensuring uninterrupted operation of your devices.



Image: Visual representation of the UPS feature, showing how the power station provides continuous power during an outage.

6.3. LED Light Modes

The integrated LED light offers five modes for various situations, making it useful for road trips, RV travel, camping, or fishing:

- Soft lighting
- Intense lighting
- SOS signal
- Flashing light
- Off

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Egrettech Sonic 2200W Portable Power Station:

- **Storage:** Store the power station in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Charging Frequency:** If not used for extended periods, charge the unit to 80% every 3-6 months to maintain battery health.
- **Cleaning:** Use a dry, soft cloth to clean the exterior. Do not use abrasive cleaners or immerse the unit in water.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to prevent overheating.
- **Battery Management System (BMS):** The integrated 12-layer intelligent BMS continuously monitors battery voltage, current, and temperature to prevent abnormal situations and ensure safe operation.

8. TROUBLESHOOTING

If you encounter issues with your power station, refer to the following common troubleshooting steps:

- **Unit Not Turning On:** Ensure the power button is pressed and held for a few seconds. Check if the battery level is critically low and attempt to charge the unit.
- **Devices Not Charging:** Verify that the specific output port (AC, USB, DC) is activated. Check the cable connections and ensure the device is compatible with the power station's output specifications.
- **Slow Charging:** Ensure you are using the original AC charging cable for fast charging. For solar charging, verify solar panel connection, orientation, and sunlight intensity.
- **Overload Protection:** If the unit shuts down due to overload, disconnect some devices and restart the power station. Ensure the total wattage of connected devices does not exceed 2200W (or 3300W peak).
- **Unusual Noise/Smell:** Immediately power off the unit and disconnect all devices. Contact customer support for assistance.

For persistent issues or technical support, please refer to the Warranty and Support section.

9. SPECIFICATIONS

Brand	Egrettech
Model Name	Sonic 2200W
Battery Capacity	2200Wh NCM Lithium
AC Output	2200W (3300W Peak)
AC Input (Charging)	1800W Max (0-80% in 60 mins)
Solar Input	2 x XT60 ports (18V/400W Max each)
Car Input	200W Max
USB-C Output	2 x 100W Max PD 3.0
USB-A Output	4 x USB-A ports

DC5525 Output	2 x 60W Max
Car Port Output	1 x 132W Max
Wireless Charging	1 x 15W Max
Total Power Outlets	14
UPS Auto-Switch Time	< 20ms
Dimensions (L x W x H)	16.61" x 11.34" x 11.93"
Weight	46.3 lbs
Special Features	12-Layer BMS, Extra-Long Run Time, Portable, Fast Charging, Uninterruptible Power Supply



Image: Product dimensions of the Egrettech Sonic 2200W Portable Power Station.

10. WARRANTY AND SUPPORT

Egrettech provides a **2-year warranty** for the Sonic 2200W Portable Power Station, ensuring quality and reliability. This includes dedicated customer service and lifelong technical support.

For any inquiries, technical assistance, or warranty claims, please refer to the contact information provided on your Warranty Card or visit the official Egrettech website. Services include Q&A, consultation, repair, return, and technical support.

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