

Jackery Explorer 2000 v2

Jackery Explorer 2000 v2 Portable Power Station User Manual

Model: Explorer 2000 v2 (JE-2000D)

1. INTRODUCTION

The Jackery Explorer 2000 v2 is a portable power station designed to provide reliable power for various applications, including home backup, outdoor camping, and small business needs. It features a high-capacity LiFePO4 battery and multiple output ports for versatile use.

Key Features:

- **High-Capacity Power:** Equipped with a 2042Wh LiFePO4 battery and 2200W AC output (3 AC ports), capable of meeting diverse power demands.
- **Fast Charging:** Includes USB-C PD 100W ports for rapid charging of electronic devices.
- **Compact and Lightweight:** Weighs 39.5 lbs, making it highly portable. It is 41% lighter and 34% smaller than typical 2kWh LiFePO4 portable power stations, utilizing advanced CTB (Cell-to-Body) technology for optimized space and secure structure.
- **Long-Lasting Battery:** Features a LiFePO4 battery designed for a 10-year lifespan, offering over 4000 charge cycles.
- **Quiet Operation:** Operates in Silent Charging Mode at less than 30dB, ensuring minimal noise disturbance. Smart temperature control adjusts fan speed for reduced operating noise.
- **Uninterruptible Power Supply (UPS):** Provides seamless power transition in less than 20ms during outages.



Image: The Jackery Explorer 2000 v2 providing home backup power for various appliances, highlighting its 2042Wh capacity and 2200W output.



Smallest & Lightest 2kWh LFP Power Station



Image: A comparison illustrating the advantages of the Jackery Solar Generator over traditional gas generators, emphasizing its eco-friendly and convenient features.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove the Jackery Explorer 2000 v2 from its packaging. Inspect the unit and all included accessories (16ft DC Extension Cable, AC Charging Cable) for any signs of damage. If any components are missing or damaged, contact customer support immediately.

2.2 Initial Charging

Before first use, fully charge the power station. The Explorer 2000 v2 can be charged via AC Fast Charging or solar panels.

- **AC Fast Charging:** Connect the provided AC Charging Cable to the power station and a wall outlet. The unit can charge from 0% to 80% in approximately 66 minutes. A full charge takes about 102 minutes using the Emergency Super Charging mode via the Jackery app.
- **Solar Charging:** Connect compatible solar panels (sold separately) to the power station. With 400W panels, a full charge can be achieved in as few as 6 hours.

- **Silent Charging Mode:** For quieter charging, activate Silent Charging mode via the app. This mode provides a full charge in approximately 5 hours at a noise level of 30dB.

FAST AND CLEAN CHARGE

 		
50 Min (0-80%)	1.1 Hr (0-80%)	5 Hr (0-80%)
AC + Solar Charging	AC Emergency Charging *	Solar Charging



* Emergency charging must be activated in the App

Image: The Jackery Explorer 2000 v2 connected to solar panels for charging, demonstrating its renewable energy capabilities.

3. OPERATING INSTRUCTIONS

3.1 Powering On/Off

To power on the unit, press and hold the main Power button until the display illuminates. To power off, press and hold the Power button again until the display turns off.

3.2 Using Output Ports

The Explorer 2000 v2 features multiple output options:

- **AC Outlets:** Three AC ports provide a total output of 2200W. Press the AC button to activate these outlets.
- **USB-C PD 100W:** For fast charging compatible USB-C devices.

- **USB-A:** Standard USB-A ports for charging various devices.
- **DC 12V 10A:** A DC output port for 12V devices.

3.3 Monitoring and Control

The integrated display shows real-time input/output wattage and remaining battery percentage. For advanced control and monitoring, download the Jackery app. The app allows for remote activation of Emergency Super Charging mode and other settings.

3.4 Uninterruptible Power Supply (UPS) Function

When connected to a wall outlet and powering devices, the Explorer 2000 v2 can function as a UPS. In the event of a power outage, it automatically switches to battery power within 20 milliseconds, ensuring continuous operation for connected devices.



Image: The power station providing uninterrupted power to a desktop setup, demonstrating its UPS capability.

3.5 Built-in Flashlight

The unit includes a built-in flashlight for convenience during low-light conditions or emergencies. Press the light button to cycle through different brightness settings or activate SOS mode.



Image: The power station being used indoors to power a projector, refrigerator, microwave, and kettle, indicating its versatility for home use.



Image: The power station providing power for outdoor activities like camping, running a portable fridge, heated blanket, and portable oven.

4. MAINTENANCE

4.1 Battery Care

The Jackery Explorer 2000 v2 uses a durable LiFePO4 battery with a lifespan of up to 10 years and over 4000 charge cycles. To maximize battery longevity:

- Avoid storing the unit in extreme temperatures.
- Charge the unit to at least 50% every 3-6 months if not in regular use.
- Do not fully discharge the battery frequently.

10-YEAR BATTERY LIFE

4000 Cycles



Fire Resistant &
Shock-proof

CTB

CTB structure
Tech



Up to **62** Forms of
Protection

LiFePo4

Battery

Image: An internal view of the power station, highlighting its LiFePO4 battery technology and long lifespan.

MORE POWER IN SMALLER SIZE

2042Wh | 2200W AC | 100W USB | Peak Output 4400W



Phone
80 Times



Laptop
24 Times



Drone
20 Times



Go Pro
280 Times

Image: An infographic detailing the safety and durability features, such as fire resistance, shock-proof design, and advanced battery protection.

4.2 Cleaning and Storage

Wipe the exterior of the unit with a soft, dry cloth. Do not use abrasive cleaners or solvents. Store the power station in a cool, dry place away from direct sunlight and moisture.

5. TROUBLESHOOTING

If you encounter issues with your Jackery Explorer 2000 v2, please refer to the following general troubleshooting steps:

- **No Power:** Ensure the unit is sufficiently charged. Check all cable connections.
- **Device Not Charging:** Verify that the output port is activated. Check the power requirements of your device to ensure it is within the power station's limits.
- **Overload Protection:** If the unit shuts down, it may be due to an overload. Disconnect some devices and restart the power station.
- **App Connectivity Issues:** Ensure Bluetooth and/or Wi-Fi are enabled on your device and the power station. Try restarting both the app and the power station.

For more detailed troubleshooting or persistent issues, please contact Jackery customer support.

6. SPECIFICATIONS

Feature	Specification
Brand	Jackery
Model Name	JE-2000D
Wattage	2200 watts
Fuel Type	Electric
Power Source	Battery Powered
Item Weight	39.5 Pounds
Voltage	120 Volts (AC)
Output Wattage	2200
Special Feature	Fast Charging
Included Components	16ft DC Extension Cable, AC Charging Cable, Explorer 2000 v2
Product Dimensions	13.2"L x 10.4"W x 11.5"H
Engine Type	Solar
Total Power Outlets	3
Starting Wattage	2200 Watts

Running Wattage	2200 Watts
UPC	810182241869

7. WARRANTY INFORMATION

The Jackery Explorer 2000 v2 comes with a **5-year manufacturer's warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Jackery website or contact customer support.

8. SUPPORT

For technical assistance, product inquiries, or warranty service, please visit the official Jackery website or contact their customer support team. Contact details can typically be found on the product packaging or the official website.