

Jackery E240D

Jackery Explorer 240D Portable Power Station User Manual

Model: E240D

1. INTRODUCTION

The Jackery Explorer 240D is a compact and portable power station designed to provide reliable power for various devices, especially during outdoor activities, travel, and emergencies. Featuring a durable LiFePO4 battery, multiple output ports, and flexible charging options, it offers a convenient and efficient energy solution.



Figure 1: Jackery Explorer 240D Portable Power Station with included USB-C cable.

2. PRODUCT OVERVIEW

The Explorer 240D is equipped with a digital display and various ports for both input and output. Its compact design makes it highly portable.

2.1. Ports and Display

- **Output Ports:** The device features 4 versatile ports: 3 USB-C ports and 1 USB-A port. The USB-C1 port can deliver up to 140W, while the USB-C2 port provides up to 100W. The USB-A port offers 15W output.
- **Input Ports:** Charging inputs include a DC input (11-28V) and a USB-C input (up to 140W).
- **Digital Display:** The display shows input wattage, output wattage, and battery percentage.
- **Power Button:** Used to power the unit on/off and activate/deactivate power-saving mode.
- **Integrated Light:** A built-in light with an SOS function is available for emergencies.

Pack Light, Power More

Jackery Explorer 240D

256Wh (80,000mAh) | 200W



Figure 2: The Jackery Explorer 240D is designed for portability, weighing only 4.85 lbs.

3. SETUP

3.1. Initial Charging

Before first use, it is recommended to fully charge your Explorer 240D. The device supports rapid charging, reaching 0% to 80% in approximately one hour using AC-DC dual input.

3.2. Attaching the 2-in-1 USB-C Strap Cable

The included USB-C cable doubles as a convenient carrying strap. To attach, align the connectors with the designated points on the power station and secure them. This allows for easy transport.

TWO-IN-ONE CABLE. JUST GRAB AND GO

Higher Capacity At Equal Weight



Figure 3: The versatile 2-in-1 USB-C cable functions as both a carrying strap and a fast-charging cable.

4. OPERATION

4.1. Powering On/Off

Press and hold the main power button to turn the Explorer 240D on or off. The digital display will illuminate upon activation.

4.2. Using Output Ports

Connect your devices to the appropriate output ports. The Explorer 240D can power up to 4 devices simultaneously. For high-demand USB-C devices like laptops or Starlink Mini, utilize the USB-C1 (140W) or USB-C2 (100W) ports.



Figure 4: The Explorer 240D features multiple USB-C and USB-A ports for simultaneous device charging.

4.3. Power Saving Mode

The power-saving mode is activated by default. To toggle this mode, press the power button three times. This feature helps extend battery duration by automatically turning off output when devices draw less than 2W for 6 hours.

4.4. Integrated Light

The built-in light can be activated by pressing the light button. Pressing it again will cycle through different modes, including an SOS emergency signal.

5. CHARGING THE EXPLORER 240D

The Explorer 240D offers flexible charging options to ensure you're always prepared.

- **USB-C Charging:** Use the included 2-in-1 USB-C cable for fast charging from a compatible USB-C power source.
- **Solar Charging:** Connect a compatible solar panel (up to 100W input) to the DC input port. Full solar charge can be achieved in approximately 2.8 hours.
- **Car Charging:** The device can be charged via a car charging cable (DC input). Full charge in approximately 4 hours.

- **AC-DC Dual Input:** For the fastest charging, utilize both AC and DC inputs simultaneously to reach 0% to 80% in just one hour.

MULTIPLE CHARGING METHODS

80% charge in 1 hour (Solar+USB-C) , power ready in a mealtime.



Figure 5: Various methods to charge your Jackery Explorer 240D, including AC, solar, and car charging.

Your browser does not support the video tag.

Video 1: Official Jackery video demonstrating the features and charging capabilities of the Explorer 240D.

6. MAINTENANCE

To ensure the longevity and optimal performance of your Jackery Explorer 240D, follow these maintenance guidelines:

- **Battery Lifespan:** The Explorer 240D is equipped with an upgraded LiFePO4 lithium battery designed for a 10-year lifespan. It maintains at least 70% of its original energy capacity even after 6,000 charge cycles.
- **Operating Temperature:** The device is built to operate seamlessly in a wide temperature range, from -4°F to 113°F (-20°C to 45°C).
- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.

10+ YEARS LIFESPAN

6000 Charge Cycles

A Lifespan Three Times Longer Than The Average.*

6000



Reliable Operation from
-20°C to 45°C

ThermDuro™

Exclusive Cell
Technology

NTC

Smart NTC
temperature control

*Compared To Other 200Wh Power Stations With 2000 Cycles.

Figure 6: The Explorer 240D's LiFePO4 battery offers an extended lifespan of over 10 years with 6,000 charge cycles.

7. TROUBLESHOOTING

If you encounter issues with your Explorer 240D, consider the following common troubleshooting steps:

- **Device Not Charging:** Ensure all charging cables are securely connected to both the power station and the power source. Verify the power source is active.
- **Output Not Working:** Check if the power station is turned on. Ensure the power-saving mode is not inadvertently activated if you require continuous low-power output. Confirm that the device you are trying to power is compatible with the port's output specifications.
- **Display Issues:** If the display is not functioning correctly, try restarting the power station.

For persistent issues, please refer to the official Jackery support resources.

8. SPECIFICATIONS

Feature	Detail
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Product Dimensions	4.73 x 4.19 x 6.69 inches
Item Weight	4.85 pounds
Manufacturer	Jackery
Model Number	JE-240B
Brand	Jackery
Color	Black
Special Feature	Portable
Recommended Uses	Camping, Outdoor Activities, Road Trips, Backup Generator for Outages & Emergencies
Power Source	Battery Powered, Solar Powered
Battery Type	LiFePO4 Lithium
Battery Capacity	256Wh
DC Output	200W (up to 140W per port)
Charge Cycles	6,000 cycles (to ≥70% capacity)
Operating Temperature	-4°F to 113°F (-20°C to 45°C)





9. WHAT'S IN THE BOX

Upon unboxing your Jackery Explorer 240D, you should find the following items:

- 1 x Jackery Explorer 240D Portable Power Station
- 1 x USB-C to USB-C Cable (2-in-1 strap cable)
- 1 x E240D User Manual (this document)

10. WARRANTY AND SUPPORT

The Jackery Explorer 240D is built with a durable LiFePO4 battery designed for a 10-year lifespan. For detailed warranty information, product registration, and customer support, please visit the official Jackery website or contact their customer service.

	<p>Jackery Explorer 160 Portable Power Station User Manual</p> <p>Comprehensive user manual for the Jackery Explorer 160 portable power station, covering specifications, operation, charging, troubleshooting, and warranty information. Learn how to use your solar generator for outdoor adventures and emergency backup.</p>
	<p>Jackery Explorer 1000EU User Manual: Portable Power Station Guide</p> <p>Comprehensive user manual for the Jackery Explorer 1000EU portable power station. Learn about features, specifications, charging, safety, and warranty.</p>
	<p>Jackery Explorer 2000 Plus User Manual - Portable Power Station Guide</p> <p>Comprehensive user manual for the Jackery Explorer 2000 Plus portable power station. Learn about its features, specifications, operation, charging methods, safety precautions, and warranty.</p>
	<p>Jackery Explorer 2000 Portable Power Station User Manual Guide</p> <p>Comprehensive user manual for the Jackery Explorer 2000 portable power station, detailing technical specifications, operation, charging methods, safety guidelines, and warranty information from Jackery.</p>
	<p>Jackery Battery Pack 2000 Plus User Manual: Features, Specs, and Safety</p> <p>Get detailed information on the Jackery Battery Pack 2000 Plus. This user manual covers technical specifications, usage with Explorer 2000 Plus, safety guidelines, and warranty from Jackery.</p>
	<p>Jackery Explorer 240 Portable Power Station User Manual</p> <p>Comprehensive user manual for the Jackery Explorer 240 portable power station. Learn about specifications, charging, usage, troubleshooting, FAQ, and warranty information.</p>