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› Jackery Explorer 3000 Pro Portable Power Station User Manual

Jackery JE-3000A

Jackery Explorer 3000 Pro Portable Power Station User Manual

Your comprehensive guide to operating and maintaining your Jackery Explorer 3000 Pro.

PRODUCT OVERVIEW

The Jackery Explorer 3000 Pro is a high-capacity portable power station designed to provide reliable power for various applications, including home backup, RV use, off-grid living, and powering tools. With its substantial 3024Wh capacity and 3000W power output, it can support a wide range of appliances.



Figure 1: Jackery Explorer 3000 Pro Portable Power Station with its retractable handle extended.

KEY FEATURES

- **High Capacity & Output:** Features a 3024Wh capacity and a massive 3000W power output, capable of supporting 99% of common appliances.
- **Fast Charging:** Can be fully charged in 2.4 hours via a wall outlet or 3-4 hours with 6x200W solar panels, thanks to industry-leading solar conversion efficiency.

- **Enhanced Safety:** Equipped with an upgraded Battery Management System (BMS) offering 12 forms of protection, improved heat dissipation, and an embedded security chip.
- **Smart App Control:** Monitor real-time status and customize settings via the Jackery app using Wi-Fi or Bluetooth.
- **Portable Design:** Features an aluminum alloy pull rod and non-slip silicone strip for easy maneuverability and convenient storage.



Figure 2: The Jackery Explorer 3000 Pro powering a refrigerator, AC unit, and TV, demonstrating its high power output and capacity.



Figure 3: Illustrates the ultra-fast charging capabilities of the Explorer 3000 Pro, showing charging times from solar panels and a standard AC wall outlet.

SETUP GUIDE

The Jackery Explorer 3000 Pro is designed for ease of use, offering a plug-and-play experience right out of the box.

Unboxing and Initial Inspection

1. Carefully remove the power station and all accessories from the packaging.
2. Verify that all included components are present: 1x Jackery Explorer 3000 PRO Portable Power Station, 1x AC Charge Cable, 1x Car Charge Cable, 1x Accessories Bag, 1x User Manual.
3. Inspect the unit for any visible damage from shipping.

First Use and Charging

It is recommended to fully charge the power station before its first use to optimize battery performance.

- **AC Wall Charging:** Connect the provided AC Charge Cable to the power station's AC input port and then to a standard wall outlet. The unit can be fully charged in approximately 2.4 hours. For optimal charging and to avoid tripping circuit breakers, use an AC outlet with no other significant load.
- **Solar Charging:** For solar charging, connect compatible Jackery SolarSaga panels (sold separately or as part of a bundle) to the power station's solar input ports. The Explorer 3000 Pro can be charged in 3-4 hours with 6x200W solar panels.
- **Car Charging:** Use the Car Charge Cable to charge the unit from your vehicle's 12V outlet. This method is slower but provides a convenient charging option on the go.



Figure 4: The portable suitcase design of the Jackery Explorer 3000 Pro, highlighting its pull rod and double wheels for easy transport.

OPERATING INSTRUCTIONS

Powering On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. The display screen will illuminate, showing battery level, input/output wattage, and estimated running time.

Connecting Devices

The Explorer 3000 Pro offers multiple output ports:

- **AC Outlets:** Four AC 120V 20A outlets (total 3000W Pure Sine Wave) are available for powering household appliances, power tools, and other high-wattage devices. Press the AC button to activate these outlets.
- **DC 12V 10A Port:** A dedicated 12V DC port for compatible devices.
- **USB-A Ports:** Two USB-A ports (18W Max) for charging smaller electronic devices.
- **USB-C Ports:** Two USB-C ports (100W Max) for fast charging compatible laptops, smartphones, and other USB-C devices.



Figure 5: Detailed dimensions of the Jackery Explorer 3000 Pro, showing its compact and portable form factor.

Smart App Control

Download the Jackery app from the App Store or Google Play to control and monitor your power station remotely via Wi-Fi or Bluetooth.

- **Real-time Monitoring:** View remaining battery level, estimated running time, and input/output wattages.
- **Customized Settings:** Adjust charging modes (e.g., quiet charging mode to reduce noise), and other preferences.
- **Remote Control:** Turn AC/DC outputs on or off from your mobile device.

MOBILE DEVICE SMART APP CONTROL

Wifi

Bluetooth



Real-time Monitoring



Customized Settings Mode



Remote Control

Download the JACKERY App



Download on the
App Store



GET IT ON
Google Play

Figure 6: The Jackery mobile app interface, demonstrating remote control and monitoring capabilities via Wi-Fi and Bluetooth.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Jackery Explorer 3000 Pro.

- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Health:** For extended battery life, consider using the "Battery Saving Mode" via the Jackery app, which limits charging to 85% and auto-shuts off at 15% State of Charge (SOC).
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive materials. Ensure vents are clear of dust and debris for efficient heat dissipation.
- **Temperature Resilience:** The unit is designed to be resilient in cold temperatures down to -20°C (-4°F). When operating between -10°C and -20°C , the output power will auto-adjust based on remaining battery level (e.g., 3000W at 60-100%, 2000W at 30-60%, 800W below 30%).

RESILIENT IN COLD TEMPERATURES TO **-20°C/-4°F**



Figure 7: The Jackery Explorer 3000 Pro demonstrating its resilience and functionality even in cold temperatures.

ALL-ROUND SAFETY

Upgraded BMS Features 12 Forms of Protection



12 Forms of Protection

9 Temperature Sensors

30%↑ Improved Heat Dissipation

Figure 8: An exploded view illustrating the internal safety features of the Jackery Explorer 3000 Pro, including its upgraded BMS with 12 forms of protection and improved heat dissipation.

TROUBLESHOOTING

If you encounter issues with your Jackery Explorer 3000 Pro, refer to the following common troubleshooting tips:

- **Unit Not Powering On:** Ensure the unit is sufficiently charged. If the battery is completely depleted, it may take a few minutes of charging before the display activates.
- **No Output from AC/DC Ports:** Ensure the respective AC or DC output button is pressed and the indicator light is green. Check if the connected device's power consumption exceeds the unit's output limit (3000W total).
- **Slow Charging:** Verify that the charging cables are securely connected. For solar charging, ensure panels are in direct sunlight and free from obstructions. Check the input wattage on the display. If using the app, ensure "Quiet Charging Mode" is not enabled, as this reduces the charge rate.
- **App Connectivity Issues:** If the Jackery app loses connection via Bluetooth or Wi-Fi, it may be due to the unit

entering a low-power state. To re-establish connection, simultaneously press the AC and DC buttons on the unit for 1 second.

- **Battery Not Charging to 100%:** If the unit stops charging at a lower percentage (e.g., 85%), check if "Battery Saving Mode" is enabled in the Jackery app. This feature intentionally limits the charge to prolong battery lifespan. Disable it if you require a full charge.

For more detailed troubleshooting or persistent issues, please refer to the official User Manual (PDF) linked in the support section or contact Jackery customer service.

SPECIFICATIONS

Feature	Detail
Brand	Jackery
Model Name	JE-3000A
Capacity	3024Wh
Output Wattage	3000W (Running), 6000W (Starting)
AC Output	4x AC 120V 20A (Total 3000W Pure Sine Wave)
DC Output	1x DC 12V 10A
USB-A Output	2x USB-A 18W Max
USB-C Output	2x USB-C 100W Max
Charging Time (AC Wall)	2.4 Hours
Charging Time (Solar)	3-4 Hours (with 6x200W solar panels)
Item Weight	63.9 Pounds
Product Dimensions	18.62"L x 14.13"W x 14.69"H
Special Features	Quiet Charging Mode (≤30dB), Smart APP Control, Quiet Canyon Cooling System, Resilient in Cold Temperatures (-20°C/-4°F)

WARRANTY AND SUPPORT

Jackery stands behind the quality of its products. The Jackery Explorer 3000 Pro typically comes with a 5-year warranty, providing peace of mind for your investment.

For detailed warranty information, product registration, or technical support, please visit the official Jackery website or

refer to the comprehensive user manual.

Official User Manual (PDF): [Download Here](#)

Visit the Jackery Store: [Jackery Official Store](#)

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