

Jackery JE-1000C

Jackery Explorer 1000 Plus Portable Power Station User Manual

Brand: Jackery | Model: JE-1000C

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Jackery Explorer 1000 Plus Portable Power Station. Please read this manual thoroughly before using the device and retain it for future reference.

The Jackery Explorer 1000 Plus is a versatile portable power station with a 1264Wh capacity and a 2000W rated output (4000W peak). It features advanced LiFePO4 battery cells, offering a 10-year lifespan and 4,000 charge cycles. The unit supports flexible expansion up to 5kWh with additional battery packs and offers multiple charging options including wall, car, and solar.

2. SETUP AND INITIAL CHARGING

2.1 Unboxing and Inspection

Upon receiving your Jackery Explorer 1000 Plus, carefully unpack all components and inspect for any damage. Ensure all included items are present:

- 1x Jackery Explorer 1000 Plus Portable Power Station
- 1x AC Charging Cable
- 1x Car Charger Cable
- 1x User Manual
- 2x DC7909 to DC8020 Adaptors

2.2 Initial Charging

It is recommended to fully charge the power station before first use. The device can be charged via wall outlet, car charger, or solar panels.

SUSTAINABLE NEXT-GEN GENERATOR

Superb Pass Through Charging



Advanced IBC
Technology



Ultra-Fast Solar
Charging in 2 Hours



Emission
Free



Figure 1: Three primary methods for charging the Jackery Explorer 1000 Plus. The image displays the power station being charged via solar panels, a wall outlet, and a car charger.

2.2.1 Wall Charging

Connect the AC Charging Cable to the AC input port on the power station and then to a wall outlet. The display will indicate charging status. A full charge from a wall outlet takes approximately 100 minutes.

2.2.2 Car Charging

Connect the Car Charger Cable to the DC input port on the power station and then to your vehicle's 12V car port. Charging time will vary.

2.2.3 Solar Charging

Connect compatible solar panels (e.g., Jackery SolarSaga 200W) to the DC input ports using the provided adaptors if necessary. Position the solar panels in direct sunlight for optimal charging. The power station can be fully recharged in approximately 2 hours when connecting up to 4 SolarSaga 200W Solar Panels.

Your browser does not support the video tag.

Video 1: Demonstrates the process of connecting Jackery SolarSaga 100W solar panels to the Jackery Explorer 1000 Plus for solar charging. It shows connections for one, two, and four solar panels, along with estimated charging durations.

3. OPERATING THE POWER STATION

3.1 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 upon activation.

3.2 Output Ports

The Jackery Explorer 1000 Plus features various output ports:

- **AC Outlets:** 2x 120V 2000W Pure Sine Wave outlets. Press the AC button to activate.
- **USB-A Ports:** 2x USB-A 18W Max ports. Press the USB button to activate.
- **USB-C Ports:** 2x USB-C 100W Max ports. Press the USB button to activate.
- **DC Car Port:** 1x DC 12V 10A car port. Press the DC button to activate.

Ensure the respective output buttons are pressed to enable power delivery from each port type.

3.3 Display Screen

The integrated display screen provides real-time information:

- **Input/Output Wattage:** Shows the current power input (charging) and output (discharging) in watts.
- **Battery Percentage:** Displays the remaining battery charge level.
- **Remaining Time:** Estimates the remaining runtime or charging time based on current power draw/input.
- **Error Indicators:** Alerts for overload, over-temperature, or other issues.

3.4 APP Control

Manage and monitor your power station remotely using the Jackery APP via WiFi or Bluetooth. The app allows you to:

- Track remaining battery levels.
- Monitor input and output power.
- Customize settings (e.g., charging mode, auto-off time).
- Control light functions.



Figure 2: A user interacting with the Jackery mobile application to monitor and control the power station, showcasing real-time data and customizable settings.

3.5 Emergency Power Supply (EPS)

The Explorer 1000 Plus features an Emergency Power Supply (EPS) function. When connected to a wall outlet and devices are plugged into the power station, it acts as a pass-through. If grid power fails, the unit automatically switches to battery power within 0.02 seconds, providing continuous power to connected devices.

EMERGENCY POWER SUPPLY



EPS
<0.02s auto-switch



<=30 dB
library level noise

Figure 3: The Jackery Explorer 1000 Plus operating as an Emergency Power Supply (EPS), providing seamless power during a grid outage with minimal noise.

4. BATTERY EXPANSION

The Jackery Explorer 1000 Plus can be expanded to increase its total capacity. It supports up to three additional battery packs, extending the total capacity from 1.25kWh to a mighty 5kWh.

EXPANDABLE FROM 1.25KWH TO A MIGHTY 5KWH



Figure 4: Illustration of the Jackery Explorer 1000 Plus with one and three additional battery packs, demonstrating its expandable capacity up to 5056Wh.

To expand the capacity, connect the expansion battery packs to the designated DC expansion ports on the main unit. Refer to the expansion battery pack's manual for specific connection instructions.

5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your Jackery Explorer 1000 Plus, follow these maintenance guidelines:

- **Regular Charging:** For best battery health, fully charge the unit at least once every 3-6 months, even if not in use.
- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Avoid using harsh chemicals or abrasive materials.
- **Temperature:** Operate and store the device within the recommended temperature range specified in the specifications.

- **Battery Lifespan:** The LiFePO4 battery cells are designed for a 10-year lifespan with 4,000 charge cycles, maintaining over 80% capacity.
- **Standby Mode:** The ultra-long standby mode helps reduce power consumption and extends battery life when not actively in use.

6. TROUBLESHOOTING

If you encounter issues with your Jackery Explorer 1000 Plus, refer to the following common troubleshooting steps:

- **Unit Not Powering On:** Ensure the battery is charged. Connect to a power source (wall, solar) and attempt to power on again.
- **No Output from Ports:** Verify that the specific output button (AC, USB, DC) for the desired port is activated. Check the display for any error indicators.
- **Overload Protection:** If an overload indicator appears, disconnect the device(s) drawing excessive power. Reduce the load and restart the power station. The unit has a 2000W rated output and 4000W peak power.
- **Over-temperature Warning:** If an over-temperature warning appears, disconnect all devices and allow the power station to cool down in a well-ventilated area.
- **App Connectivity Issues:** Ensure Bluetooth and/or Wi-Fi are enabled on your mobile device and the power station. Try restarting both the app and the power station.

7. SPECIFICATIONS

Feature	Specification
Brand	Jackery
Model Name	JE-1000C
Capacity	1264Wh
Rated Output	2000W
Peak Output	4000W
Battery Type	LiFePO4
Charge Cycles	4,000 (to 80% capacity)
Lifespan	10 Years
AC Output	2x 120V, 2000W Pure Sine Wave
USB-A Output	2x 18W Max
USB-C Output	2x 100W Max
DC Car Port Output	1x 12V 10A
Wall Charging Time	Approx. 100 minutes
Solar Charging Time	Approx. 2 hours (with 4*SolarSaga 200W)

Expansion Capability	Up to 3 additional battery packs (5kWh total)
Dimensions (L x W x H)	10.24" x 11.24" x 14"
Weight	32 Pounds

8. WARRANTY AND SUPPORT

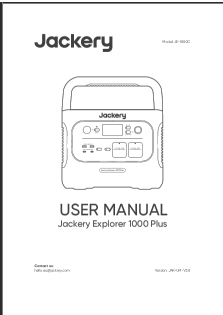
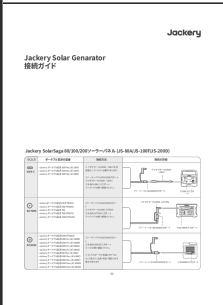
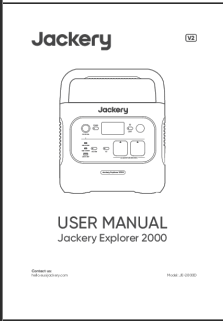
8.1 Warranty Information

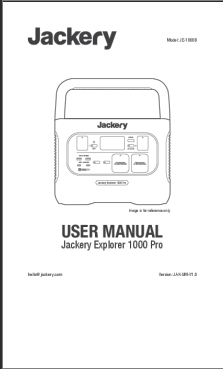
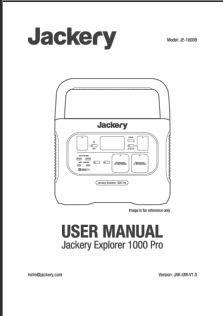
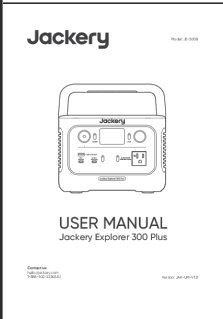
The Jackery Explorer 1000 Plus Portable Power Station comes with a 5-Year Warranty. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

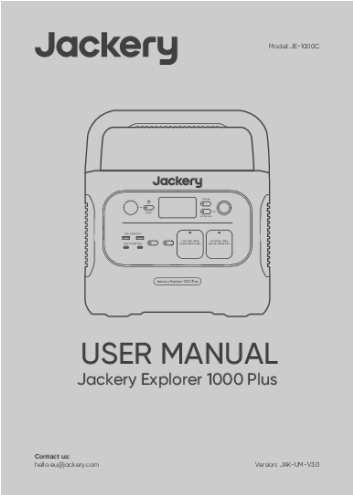
For further assistance, technical support, or warranty inquiries, please visit the official Jackery website or contact their customer service department. Refer to the included User Manual for specific contact details.

Related Documents - JE-1000C

	Jackery Explorer 1000 Plus User Manual - Portable Power Station Guide Comprehensive user manual for the Jackery Explorer 1000 Plus portable power station (Model JE-1000C). Learn about its features, specifications, operation, charging, and safety precautions.
	Jackery Solar Generator Connection Guide: SolarSaga Panels to Power Stations Comprehensive guide detailing how to connect various Jackery SolarSaga solar panel models (JS-80A, JS-100F, JS-200D, SPL061, JS-40A, JS-100D, JS-100E, JS-100C, SPL101, JS-200C, SPL201) to compatible Jackery portable power stations using different DC input types and adapters.
	Jackery Explorer 2000 Portable Power Station User Manual Guide Comprehensive user manual for the Jackery Explorer 2000 portable power station, detailing technical specifications, operation, charging methods, safety guidelines, and warranty information from Jackery.

	Jackery Explorer 1000 Pro User Manual User manual for the Jackery Explorer 1000 Pro portable power station, detailing its features, specifications, operation, charging methods, safety precautions, and warranty information.
	Jackery Explorer 1000 Pro Portable Power Station User Manual Comprehensive user manual for the Jackery Explorer 1000 Pro portable power station, covering specifications, operation, charging methods, safety precautions, and warranty information.
	Jackery Explorer 300 Plus Portable Power Station User Manual This comprehensive user manual guides you through the features and operation of the Jackery Explorer 300 Plus portable power station. Learn about its technical specifications, how to safely charge and use the device, and understand its various functions for reliable power on the go.

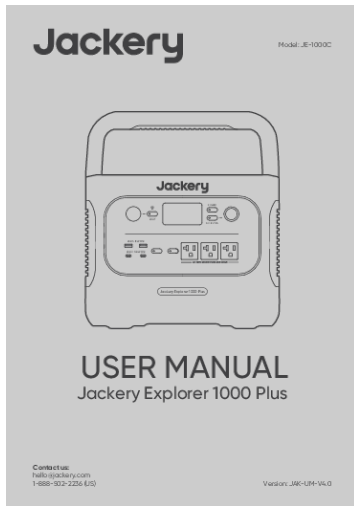
Documents - Jackery – JE-1000C



[Jackery Explorer 1000 Plus User Manual - Portable Power Station Guide](#)

Comprehensive user manual for the Jackery Explorer 1000 Plus portable power station (Model JE-1000C). Learn about its features, specifications, operation, charging, and safety precautions.

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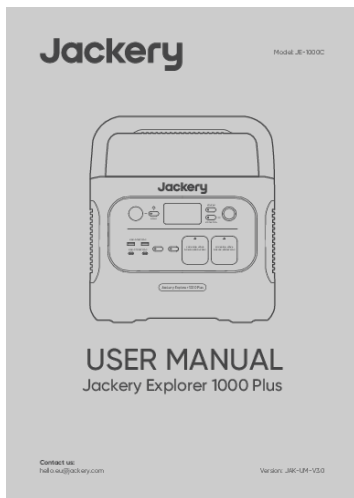
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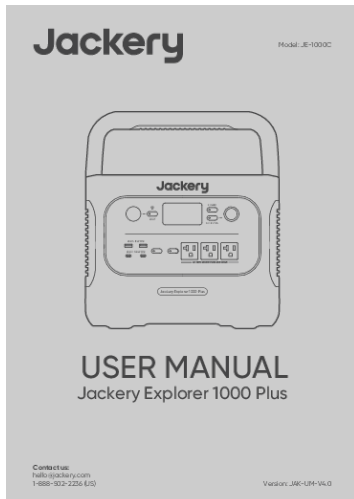
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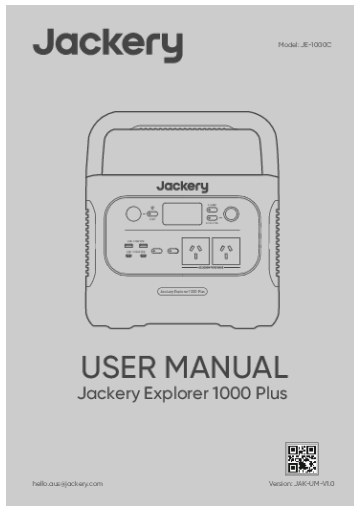
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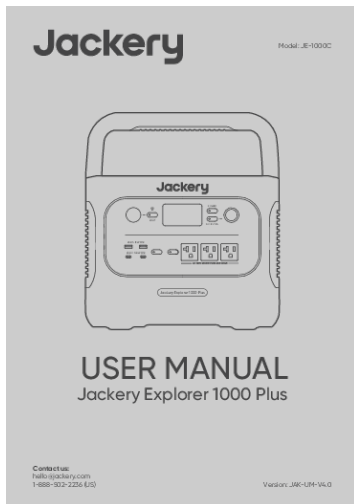
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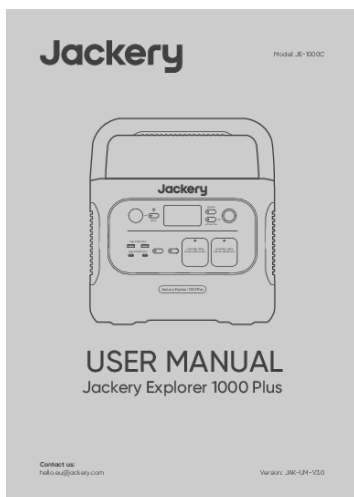
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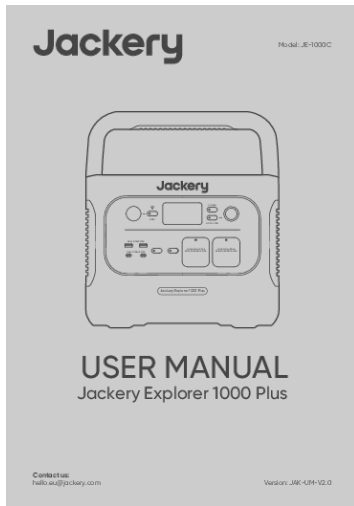
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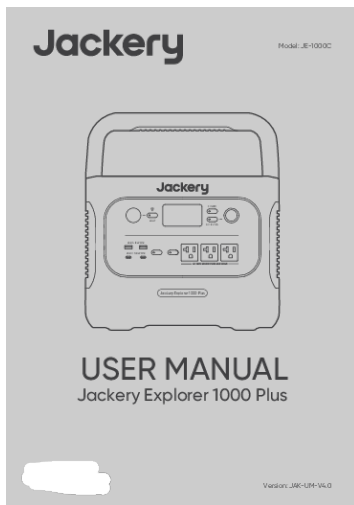


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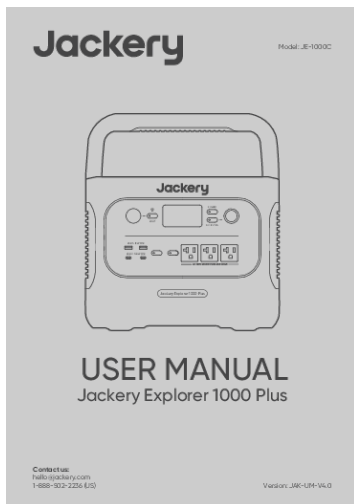
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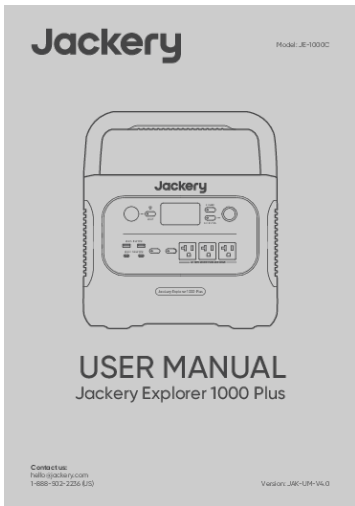
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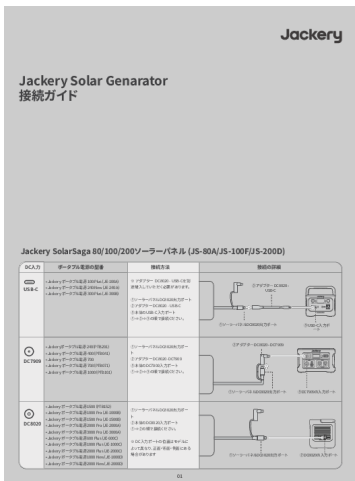
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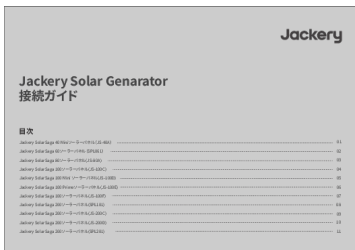
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Jackery Solar Generator Connection Guide: SolarSaga Panels to Power Stations

Comprehensive guide detailing how to connect various Jackery SolarSaga solar panel models (JS-80A, JS-100F, JS-200D, SPL061, JS-40A, JS-100D, JS-100E, JS-100C, SPL101, JS-200C, SPL201) to compatible Jackery portable power stations using different DC input types and adapters.

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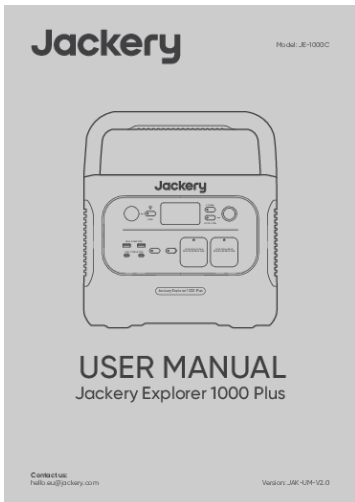


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