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LiTHELi Eclair 1000

Litheli Portable Power Station Eclair 1000 User Manual

Model: Eclair 1000 | Brand: LiTHELi

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your Litheli Eclair 1000 Portable Power Station. Please read this manual thoroughly before using the product and retain it for future reference.



Image: Front view of the Litheli Eclair 1000 Portable Power Station, showcasing its display and various output ports.

SAFETY INSTRUCTIONS

Adhering to these safety guidelines is crucial for preventing damage to the unit and ensuring user safety.

- Do not disassemble, repair, or modify the unit.
- Avoid exposure to high temperatures, direct sunlight, or flammable materials.
- Keep the unit away from water and other liquids.
- Ensure proper ventilation during use and charging to prevent overheating.
- Use only approved charging cables and adapters.
- Keep out of reach of children and pets.
- In case of fire, use a dry powder fire extinguisher. Do not use water.

PRODUCT OVERVIEW

The Litheli Eclair 1000 is a portable power station designed to provide reliable power for various applications. It features multiple output ports and flexible charging options.

Components and Ports

TRAVEL LIGHT, POWER EVERYWHERE

Experience the freedom of
portable power wherever adventure takes you



Image: Detailed view of the Litheli Eclair 1000's control panel and output ports, including USB-A, USB-C, AC outlets, Car Port, and Pogo Pin.

- **AC Outlets:** 4 AC outlets (1800W total, 2200W peak) for standard household appliances.
- **USB-A Ports:** 2 USB-A ports for charging smaller devices.
- **USB-C Ports:** 4 USB-C ports, including 2x 100W and 2x 18W, for fast charging compatible devices.

- **Car Port:** 12V DC output for car appliances.
- **DC5521 Ports:** 2 DC ports for specific DC-powered devices.
- **Pogo Pin:** 1 Pogo Pin connection.
- **Display Screen:** Shows battery level, input/output wattage, and operational status.
- **Power Button:** To turn the unit on/off.

Removable Power Banks (U-Battery Plus)

The Eclair 1000 includes two removable U-Battery Plus power banks, each offering 45W max output and 20000mAh capacity. These can be used independently or charged within the main unit.

UNLIMITED SOLAR POWER

Multiple solar panels available for purchase



5.8 Hours

2x100W Solar Panel



3 Hours

4x100W Solar Panel

Image: The Litheli Eclair 1000 demonstrating its removable U-Battery Plus power banks, which can charge devices like laptops and smartphones.

SETUP

1. **Unpacking:** Carefully remove the power station and all accessories from the packaging.

2. **Initial Charge:** Before first use, fully charge the power station using the provided AC charging cable. This ensures optimal battery performance.

3. **Placement:** Place the unit on a stable, flat surface in a well-ventilated area, away from direct sunlight or heat sources.

10X FASTER CHARGING

Litheli BlitzFull™ Technology Fully Charged in just 55 mins



Litheli BlitzFull™

55 mins
Litheli Detect Speed™ AC Charging

Over 6 hours
Other AC Charging

Image: The Litheli Eclair 1000 connected to a wall outlet for AC charging, highlighting its fast charging capability.

Turning On/Off

- **To Turn On:** Press and hold the main power button for 3 seconds. The display will illuminate.
- **To Turn Off:** Press and hold the main power button for 3 seconds. The display will turn off.

Using Output Ports

1. **AC Output:** Press the AC button to activate the AC outlets. Plug in your devices. Press again to turn off.
2. **DC Output:** Press the DC button to activate the DC5521 and Car Port outputs. Plug in your devices. Press again to turn off.
3. **USB Output:** USB ports are typically active when the unit is on. Connect your USB devices directly.

POWERS EVERY ASPECT OF LIFE

BlitzDrivz™ Technology
1800W Output Power for 90% of Appliances



Electric Wok
(1000W)

8 Times



Car Refrigerator
(50W)

13 HRS



MacBook Air
(50Wh)

11.7 Times



iPad Pro
(28.6Wh)

20.5 Times



Drone
(40Wh)

14.7 Times



iPhone 14
(11.8Wh)

50 Times



Projector
(100Wh)

14.7 Times



Bluetooth Audio
(11Wh)

53.4 Times



BlitzDrivz™

Image: The Litheli Eclair 1000 powering a coffee maker, demonstrating its capability to run household appliances.

Uninterruptible Power Supply (UPS) Function

The Eclair 1000 features a built-in UPS function. When connected to an AC wall outlet and powering devices, it can automatically switch to battery power within 10ms during a power outage, protecting connected electronics.

NOT A POWER STATION

Also A Power Bank



45W

45W Max Output

2x20000 mAh

Equipped with two U battery plus

2H FAST

*Compatible charger supporting MAX 45W



-20°C~55°C Environment Use

Image: The Litheli Eclair 1000 acting as an Uninterruptible Power Supply (UPS) for a computer workstation, ensuring continuous power during outages.

App Smart Control

Monitor power status, control settings, and manage intelligent charging remotely via the dedicated mobile application. Refer to the app's instructions for pairing and usage.



Image: A smartphone screen showing the Litheli app interface, used for remote monitoring and control of the power station.

CHARGING THE POWER STATION

The Eclair 1000 offers multiple charging methods:

- **AC Wall Outlet:** Connect the provided AC charging cable to the power station and a standard wall outlet. The unit supports fast charging, reaching a full charge in approximately 55 minutes.
- **Car Charger:** Use the car charging cable to charge the unit from your vehicle's 12V cigarette lighter port.
- **Solar Panels:** Connect compatible solar panels (sold separately) to the power station's solar input port. Charging time varies based on solar panel wattage and sunlight conditions.

POWER UP TO 14 DEVICES

More help from emergency power sources

2

USB-A Ports

4

USB-C Ports

4

AC Outlets

1

Car Port

2

DC5521

1

Pogo Pin

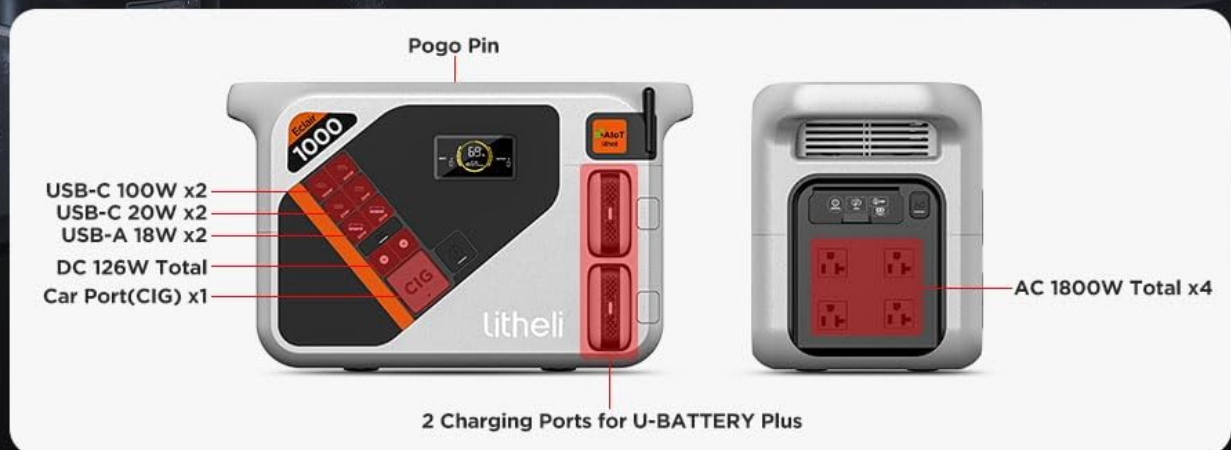


Image: The Litheli Eclair 1000 connected to two solar panels in an outdoor setting, demonstrating solar charging capability.

MAINTENANCE

- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Storage:** Store the power station in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term

storage, charge the unit to approximately 50-80% every 3-6 months to maintain battery health.

- **Battery Care:** The Eclair 1000 uses LiFePO4 batteries, known for their long cycle life and safety. The advanced Battery Management System (BMS) helps protect the battery.

SEAMLESS UPS

<10ms UPS Auto Switch

High-quality and Stable Emergency Power Supply



Image: An exploded view of the Litheli Eclair 1000, illustrating the internal LiFePO4 battery cells and cooling system, emphasizing long-lasting power.

TROUBLESHOOTING

If you encounter issues with your Litheli Eclair 1000, refer to the following common problems and solutions:

- **Unit Not Turning On:**
 - Ensure the battery is charged. Connect to an AC outlet for charging.
 - Press and hold the power button for at least 3 seconds.
- **No Output from Ports:**
 - Verify that the specific output (AC, DC) is activated by pressing its respective button.
 - Check if the device connected requires more power than the port can supply.
 - Ensure cables are securely connected.
- **Slow Charging:**
 - For AC charging, ensure you are using the original fast-charging cable.
 - For solar charging, ensure panels are in direct sunlight and free from obstructions. Check panel connections.
- **Unexpected Shutdowns:**
 - The unit may shut down due to overload protection. Reduce the load by disconnecting some devices.
 - Ensure adequate ventilation to prevent overheating.
 - If the issue persists, contact customer support.
- **App Connectivity Issues:**
 - Ensure Bluetooth and/or Wi-Fi are enabled on your mobile device.
 - Restart the power station and your mobile device.
 - Update the app to the latest version.

SPECIFICATIONS

Feature	Detail
Brand	LiTHELi
Model Name	Eclair 1000
Battery Type	LiFePO4
Capacity	1069Wh
AC Output	1800W (2200W Peak)
Total Power Outlets	14 (4 AC, 4 USB-C, 2 USB-A, 1 Car Port, 2 DC5521, 1 Pogo Pin)
Fast Charging	55 minutes (AC)
UPS Function	<10ms Auto Switch
Item Weight	32.8 Pounds
Product Dimensions	17.8"L x 8.77"W x 11"H
Special Features	Digital Display, Overload Protection, Portable, App Control

WARRANTY AND SUPPORT

The Litheli Eclair 1000 Portable Power Station comes with a **3-year manufacturer's warranty**.

For technical support, warranty claims, or further assistance, please contact Litheli customer service. Refer to the official Litheli website or your purchase documentation for the most current contact information.

Visit the Official LiTHELi Store on Amazon

