

## LiTHELi B1000

# LiTHELi B1000 Power Station User Manual

Model: B1000 (U20EH17-0J200-J)

## 1. INTRODUCTION

The LiTHELi B1000 Power Station is a portable energy storage device designed to provide reliable power for various electronic devices and appliances. Featuring a high-capacity battery, multiple output ports, and advanced safety features, it is suitable for outdoor activities, emergency backup, and general home use. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your B1000 Power Station.

## 2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using the LiTHELi B1000 Power Station. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Do not expose the unit to fire or high temperatures (above 60°C/140°F).
- Do not use or store the unit in direct sunlight, near heat sources, or in humid environments.
- Keep the unit away from water and other liquids.
- Do not use the unit if it is damaged or has been dropped.
- Ensure proper ventilation during use. Do not block the ventilation openings.
- Keep out of reach of children and pets.
- Use only approved accessories and chargers.
- Dispose of the unit according to local regulations.

### 3. PRODUCT OVERVIEW

#### 3.1 Unit Diagram

The following image illustrates the overall design and key components of the LiTHELi B1000 Power Station.

## 1069WH大容量に59分でフル充電

LitheliのBlitzFull™特許技術で安全性・効率・長寿命のバランスをよく取られ、内蔵の超強力バッテリーセルが最大限に充放電効率をサポートします。



**Litheli BlitzFull™**

**59 mins**

Litheli BlitzFull™ AC 充電

**6時間以上**

一般のAC充電

Image: The LiTHELi B1000 Power Station, showcasing its compact design and an AC charging cable connected to its input port. The display shows battery status and output information.

### **3.2 Input and Output Ports**

The B1000 Power Station is equipped with a variety of ports to accommodate different charging and power needs.

# 各種出力ポート合計14個

2

USB-A 充電ポート

4

USB-C 充電ポート

4

AC出カコンセント

1

ガーソケット

1

ポゴピン充電エリア

2

DC5521出力ポート



Image: A close-up view of the LiTHELi B1000 Power Station's front panel, highlighting its 14 output ports including USB-A, USB-C, AC outlets, car socket, Pogo pin charging area, and DC5521 ports. A coffee maker and laptop are shown connected.

- **AC Output:** 4x AC outlets (1800W rated, 3600W peak) for household appliances.
- **USB-C Output:** 4x USB-C ports (e.g., 2x 100W, 2x 20W) for fast charging compatible devices.

- **USB-A Output:** 2x USB-A ports (e.g., 2x 18W) for standard USB devices.
- **DC Output:** 2x DC5521 ports and 1x Car Socket (CIG) for 12V DC devices.
- **Pogo Pin Charging Area:** 1x Pogo pin charging area, potentially for compatible accessories like the U-BATTERY Plus.
- **AC Input:** For charging the power station from a wall outlet.

### 3.3 Control Panel and Display

The integrated display provides real-time information on battery level, input/output wattage, and port status. Buttons allow for activation of AC, DC, and USB outputs.

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## 4. SETUP

### 4.1 Unpacking

Carefully remove the LiTHELi B1000 Power Station and all accessories from the packaging. Retain the packaging for future storage or transport.

### 4.2 Initial Charging

Before first use, fully charge the power station. Connect the provided AC charging cable to the AC input port on the B1000 and then to a wall outlet. The display will indicate the charging status. The B1000 features fast charging technology, allowing a full charge in approximately 59 minutes.

# 1069WH大容量に59分でフル充電

LitheliのBlitzFull™特許技術で安全性・効率・長寿命のバランスをよくとられ、内蔵の超強力バッテリーセルが最大限に充放電効率をサポートします。



**Litheli BlitzFull™**

**59 mins**

Litheli BlitzFull™ AC 充電

一般のAC充電

**6時間以上**

Image: The LiTHELi B1000 Power Station connected to a wall outlet for rapid AC charging, demonstrating its quick recharge capability.

## 5. OPERATION

## **5.1 Turning On/Off**

Press and hold the main power button to turn the unit on or off. The display will illuminate upon activation.

## **5.2 Charging External Devices**

The B1000 can power a wide range of devices, from small electronics to larger appliances, with a rated output of 1800W and a peak output of 3600W.

# 90%以上の一般家電を駆動できる 定格1800W・ピーク3600W



IHコンロ  
(1000W)

約0.8h



車両用冷蔵庫です  
(50W)

約13h



フィルライト  
(300W)

約1.6h



iPad Pro  
(28.6Wh)

約20.5回



ドローン  
(40Wh)

約15回



ランタン  
(10W)

約78.3h



プロジェクター  
(100Wh)

約7.8h



Bluetoothスピーカー  
(11Wh)

約53回



## BlitzDrivz™

Image: The LITHELi B1000 Power Station shown with icons representing various devices it can power, such as an IH cooker, car fridge, fill light, iPad Pro, drone, lantern, projector, and Bluetooth speaker, illustrating its versatility.

- **AC Output:** Press the AC button to activate the AC outlets. Plug your devices into the desired AC ports. Ensure the total wattage of connected devices does not exceed 1800W (or 3600W peak).
- **USB Output:** Press the USB button to activate the USB-A and USB-C ports. Connect your USB-

powered devices.

- **DC Output:** Press the DC button to activate the DC5521 and Car Socket ports. Connect your 12V DC devices.

### 5.3 Using the UPS Function

The B1000 features an Uninterruptible Power Supply (UPS) function, providing power to connected devices within 10 milliseconds during a power outage.

# UPS無停電電源装置

停電時に10ミリ秒内に電力を供給します



Image: The LiTHELi B1000 Power Station seamlessly providing power to a desktop computer setup and a television, demonstrating its UPS capability for uninterrupted power during outages.

To use the UPS function, connect the B1000 to an AC wall outlet and then connect your critical devices (e.g., computers, medical equipment) to the AC output ports of the B1000. In the event of a power failure, the B1000 will automatically switch to battery power, ensuring continuous operation of your connected devices.

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## 6. BATTERY INFORMATION

The LiTHELi B1000 Power Station utilizes advanced battery technology for enhanced performance and longevity.

# リン酸鉄リチウムイオン電池搭載



BMS安全制御



3000+サイクル数



3年間安心保証



Image: An exploded diagram of the LiTHELi B1000 Power Station, revealing its internal structure, including the Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery cells and the Battery Management System (BMS) for safety and efficiency.

- **Battery Type:** Lithium Iron Phosphate (LiFePO<sub>4</sub>) battery cells, known for their safety, stability, and long cycle life.
- **Cycle Life:** Designed for over 3000 charge cycles, ensuring extended product lifespan.

- **Battery Management System (BMS):** Integrated BMS provides protection against overcharge, over-discharge, over-current, over-voltage, and short circuits, enhancing safety and battery health.

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## 7. MAINTENANCE AND STORAGE

### 7.1 Cleaning

Wipe the unit with a dry, soft cloth. Do not use abrasive cleaners or solvents. Ensure all ports are free of dust and debris.

### 7.2 Storage Guidelines

- 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.
- Avoid storing the unit in environments with high humidity or corrosive gases.

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## 8. TROUBLESHOOTING

If you encounter issues with your LiTHELi B1000 Power Station, refer to the following common troubleshooting steps:

- **Unit Not Turning On:** Ensure the battery is charged. If not, connect to an AC outlet and charge.
- **No Output from Ports:** Verify that the specific output (AC, USB, DC) is activated by pressing its respective button. Check if the device connected is within the power station's output limits.
- **Overload Protection:** If an overload occurs, the unit may shut down. Disconnect the overloaded device, restart the power station, and connect devices within the specified wattage.
- **Charging Issues:** Ensure the charging cable is securely connected to both the power station and the power source. Check if the power source is active.
- **Display Errors:** If the display shows an error code, refer to the full product manual or contact customer support for assistance.

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## 9. SPECIFICATIONS

Feature	Specification
Brand	LiTHELi
Model Name	B1000
Model Number	U20EH17-0J200-J
Power Source	Battery Powered
Battery Type	Lithium Iron Phosphate (LiFePO4)
Cycle Life	3000+ cycles

Output Wattage (Rated)	1800 W
Output Wattage (Peak)	3600 W
Item Weight	15 Kilograms
Product Dimensions (L x W x H)	17.8" x 8.8" x 11"
AC Charging Time (0-100%)	Approx. 59 minutes
UPS Function	Switchover in 10 milliseconds
UPC	740907583717

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## 10. WARRANTY AND CUSTOMER SUPPORT

The LiTHELi B1000 Power Station comes with a 3-year warranty from the date of purchase, covering defects in materials and workmanship.

For warranty claims, technical support, or any questions regarding your product, please contact LiTHELi customer service through their official website or the retailer where the product was purchased. Please have your model number (U20EH17-0J200-J) and proof of purchase ready when contacting support.

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