AP200L

CTOLITY 200W Power Bank Station (60,000mAh) User Manual

Model: AP200L

Brand: Generic

1. Introduction

Thank you for choosing the CTOLITY 200W Power Bank Station (AP200L). This portable power station is designed to provide reliable power for various devices, making it ideal for camping, road trips, emergency backup, and outdoor activities. With a high capacity of 192Wh (60,000mAh) and a robust LiFePO4 battery, it offers extended lifespan and enhanced safety.

Key features include ultra-fast 140W PD charging, the ability to power up to 10 devices simultaneously, and advanced Battery Management System (BMS) protection for safe and efficient operation.

2. Safety Information

Please read all safety instructions carefully before using the 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.
- Keep the power station away from water, moisture, and high humidity. Do not operate in wet conditions.
- Avoid exposure to direct sunlight or high temperatures (above 60°C/140°F). Store in a cool, dry place.
- Do not use the power station if it is damaged or has been dropped.
- Ensure proper ventilation during use. Do not block ventilation openings.
- Keep out of reach of children and pets.
- Dispose of the product according to local regulations. Do not dispose of with household waste.

The integrated Advanced BMS Protection system automatically shuts down the unit for over-voltage, over-current, and temperature control, ensuring safe operation within -10°C to 60°C.

3. What's in the Box

Upon unpacking, please verify that all the following items are included:

- AP200L Power Station
- USB-C Charging cable
- Solar Charging cable
- User Manual

4. Product Overview and Components

Familiarize yourself with the various parts and functions of your CTOLITY Power Bank Station.



Figure 4.1: The CTOLITY AP200L Power Station, showcasing its compact design and potential for solar panel integration (solar panels sold separately).



Figure 4.2: Detailed view of the power station's features, including its 60,000mAh super capacity, adjustable LED lighting, and various output ports (2x Type-C, 2x USB-A, DC output).

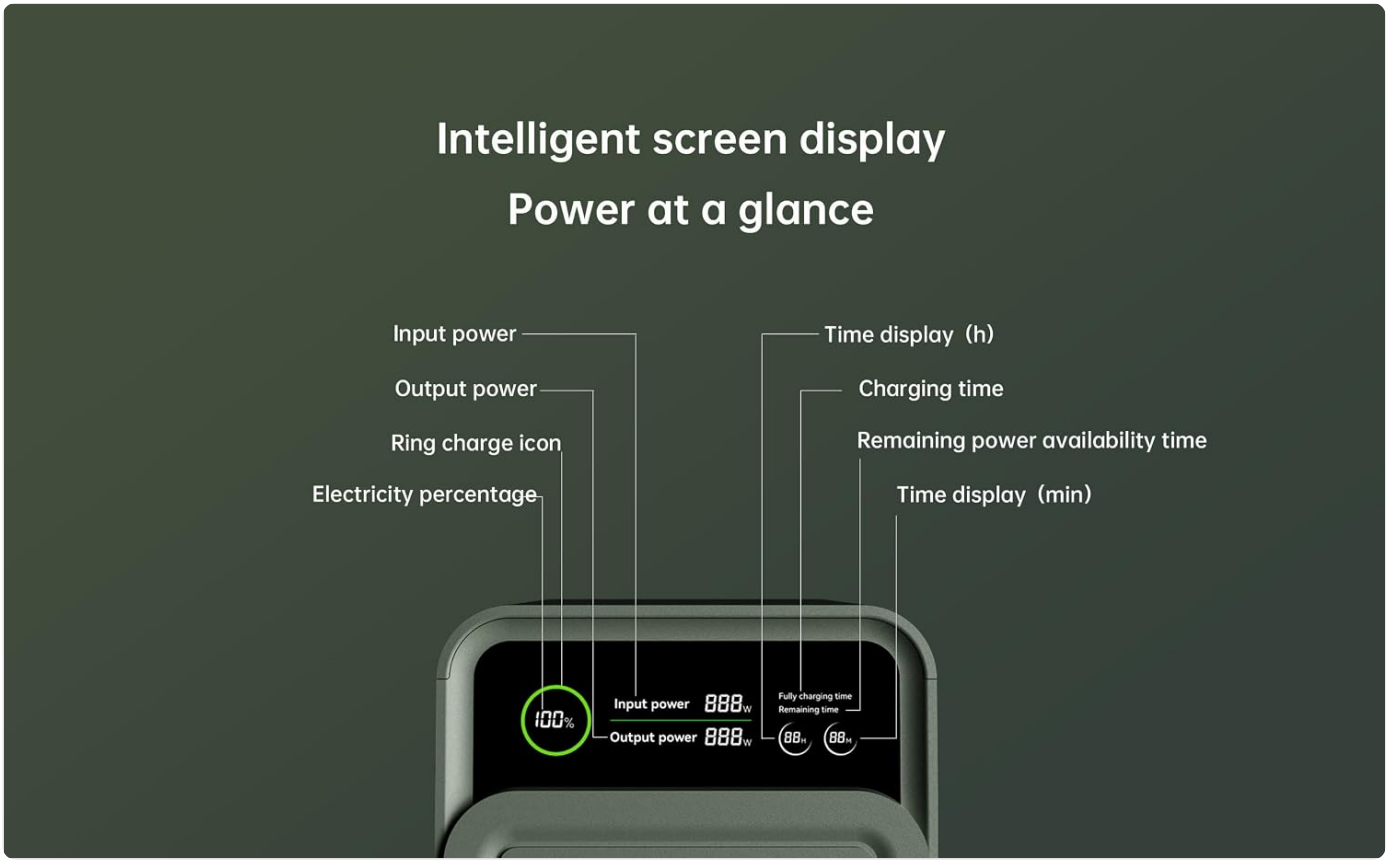


Figure 4.3: The intelligent screen display provides real-time information such as input power, output power, electricity percentage, charging time, and remaining power availability time.

4.1. Ports and Indicators:

- **Input Port:** For charging the power station (DC input, Type-C input).
- **Output Ports:**
  - 2 x Type-C Ports (C1: 140W Max IN/OUT, C2: 22.5W OUT)
  - 2 x USB-A Ports (A1: 18W OUT, A2: 18W OUT)
  - DC Output (12V/120W Max)
- **LED Display:** Shows battery level, input/output power, and charging status.
- **LED Light:** Built-in adjustable emergency lighting.
- **Power Button:** To turn the unit on/off.
- **Light Button:** To control the LED light.

5. Setup

Before first use, it is recommended to fully charge your CTOLITY Power Bank Station.

1. **Unpack:** Carefully remove the power station and all accessories from the packaging.
2. **Initial Charge:** Connect the power station to a wall outlet using the provided USB-C charging cable and a compatible power adapter (not included for wall charging, but the unit supports 140W PD input). Ensure the display indicates charging.
3. **Full Charge:** Allow the unit to charge until the battery indicator shows 100%. This may take approximately 1.5 hours with a 140W PD charger.

6. Operating Instructions

6.1. Charging the Power Station

Your power station can be recharged via AC wall outlet or solar panels.

6.1.1. AC Wall Charging (USB-C PD)

Use the provided USB-C charging cable to connect the power station to a compatible USB-C PD wall adapter (not included). The unit supports up to 140W PD input for ultra-fast charging.



Figure 6.1: The power station being recharged from a standard wall outlet using a USB-C cable, demonstrating its rapid charging capability.

6.1.2. Solar Charging

Connect compatible solar panels (sold separately) to the power station's input port using the provided solar charging cable. Position the solar panels in direct sunlight for optimal charging efficiency.



Figure 6.2: The power station being charged by solar panels, highlighting its versatility for outdoor and off-grid power solutions.

6.2. Using as a Power Bank (Output)

The power station can charge up to 10 devices simultaneously through its various output ports.

1. **Turn On:** Press the power button to turn on the unit. The LED display will illuminate.
2. **Connect Devices:** Plug your devices into the appropriate USB-C, USB-A, or DC output ports.
3. **Monitor:** The display will show the current output power.
4. **Turn Off:** After use, press and hold the power button to turn off the unit to conserve battery.

Multiple Outputs



Figure 6.3: The power station actively charging multiple electronic devices, demonstrating its multi-output capability for various gadgets.



Figure 6.4: A visual representation of the power station's versatility, including charging multiple devices for group use, providing power during outdoor camping, and serving as an emergency power supply during outages.

6.3. LED Light Functionality

The power station features an adjustable LED light for illumination in various scenarios.

1. **Turn On/Off:** Press the light button to cycle through light modes.
2. **Light Modes:** The LED light typically offers Low, High, Flashing, and SOS modes.
3. **Adjust Angle:** The light can be adjusted to different angles for optimal illumination.



Figure 6.5: The power station's adjustable LED light providing illumination, suitable for emergency lighting or camping.



Figure 6.6: Demonstrates the versatility of the integrated LED light, featuring its foldable design, multi-angle adjustability, and various lighting modes (low, high, flashing, SOS).

7. Maintenance and Storage

Proper maintenance ensures the longevity and optimal performance of your power station.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the power station in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** To maintain battery health, fully charge the unit every 3-6 months, even if not in use.
- **Ventilation:** Ensure ventilation openings are clear of dust and debris.

8. Troubleshooting

If you encounter issues with your power station, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely depleted.	Connect to a power source and charge the unit for at least 15 minutes before attempting to turn it on.
No output from ports.	Unit is off, or output is overloaded.	Ensure the unit is turned on. Check if the connected device's power consumption exceeds the port's maximum output. Disconnect and reconnect the device.
Charging is slow.	Input power source is insufficient, or cable is not PD compatible.	Ensure you are using a 140W PD compatible charger and cable for optimal charging speed. Check solar panel positioning if using solar.

Problem	Possible Cause	Solution
LED display is not working.	Unit is off, or a minor software glitch.	Press the power button to ensure the unit is on. If still not working, try restarting the unit by turning it off and on again.

If the problem persists, please contact customer support for further assistance.

9. Specifications

Feature	Detail
Model Number	AP200L
Battery Type	LiFePO4
Capacity	192Wh (60,000mAh)
Rated Power	200W
Product Dimensions	5 x 4 x 9 inches
Item Weight	64 pounds *(Note: This weight appears to be an error in the source data and is unusually high for a portable power station of this size and capacity. Please refer to the product packaging for accurate weight.)*
Input (USB-C)	140W PD3.1 Max
Output (USB-C)	C1: 140W Max, C2: 22.5W Max
Output (USB-A)	2 x 18W Max
Output (DC)	12V/120W Max
Operating Temperature	-10°C to 60°C
Lifespan	2000+ cycles (LiFePO4)
Certifications	FCC/CE certified
Color	Green

10. Warranty and Support

For warranty information and customer support, please refer to the documentation provided with your purchase or contact the seller directly. The product is manufactured by Shenzhen Uapow Co., Limited.

While third-party protection plans may be available (e.g., 1-Year Protection Plan, Complete Protect), these are separate from the manufacturer's warranty. Please consult the terms and conditions of any such plans for details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question