

AP200L

CTOLITY AP200L DC Power Bank Station

MODEL: AP200L

User Manual

1. INTRODUCTION

The CTOLITY AP200L DC Power Bank Station is a versatile and portable power solution designed to provide reliable electricity for various applications, including outdoor camping, road trips, emergencies, and general daily use. Equipped with a high-capacity 192Wh (60,000mAh) LiFePO4 battery, it offers a long lifespan and stable power output. This manual will guide you through the proper use, setup, maintenance, and troubleshooting of your AP200L power station.

2. SAFETY INFORMATION

Please read all safety instructions carefully before operating the AP200L Power Bank 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 high humidity environments.
- Keep the unit dry. Do not immerse it in water or expose it to rain.
- Keep out of reach of children and pets.
- Ensure proper ventilation during use and charging. Do not block the ventilation openings.
- Operate the unit within the specified temperature range of -10°C to 60°C (14°F to 140°F).
- Use only original or certified accessories and charging cables.

3. PRODUCT OVERVIEW

The CTOLITY AP200L is designed for portability and efficiency, featuring multiple output ports and an intelligent display.



Figure 3.1: Front view of the CTOLITY AP200L DC Power Bank Station, showing the main unit with handle and ports.

Power Bank 60000mah

Super Power Bank
Traveling Outside With Electricity



Figure 3.2: The CTOLITY AP200L Power Bank positioned outdoors, highlighting its portability for travel and camping.

Components and Ports:

- **Power Button:** Turns the unit on/off.
- **LED Light Button:** Controls the integrated LED light.
- **Intelligent Display Screen:** Shows input power, output power, battery percentage, charging time, and remaining power availability.
- **USB-C Ports (2x):** One 140W PD3.1 port and one 22.5W port for fast charging laptops, tablets, and phones.
- **USB-A Ports (2x):** 18W ports for charging various USB-compatible devices.
- **DC Output Port:** For connecting DC-powered devices.
- **DC Input Port:** For recharging the power station via AC adapter or solar panels.
- **Integrated Handle:** For easy portability.



Figure 3.3: Detailed view of the intelligent screen display on the power station, indicating input power, output power, electricity percentage, charging time, and remaining power availability.

4. SETUP

Initial Charging:

Before first use, it is recommended to fully charge your AP200L Power Bank Station. This ensures optimal battery performance and extends its lifespan.

1. Connect the provided AC adapter to the DC Input Port on the power station.
2. Plug the AC adapter into a standard wall outlet.
3. The display screen will indicate charging status. The unit is fully charged when the battery indicator shows 100%.

Intelligent screen display

Power at a glance

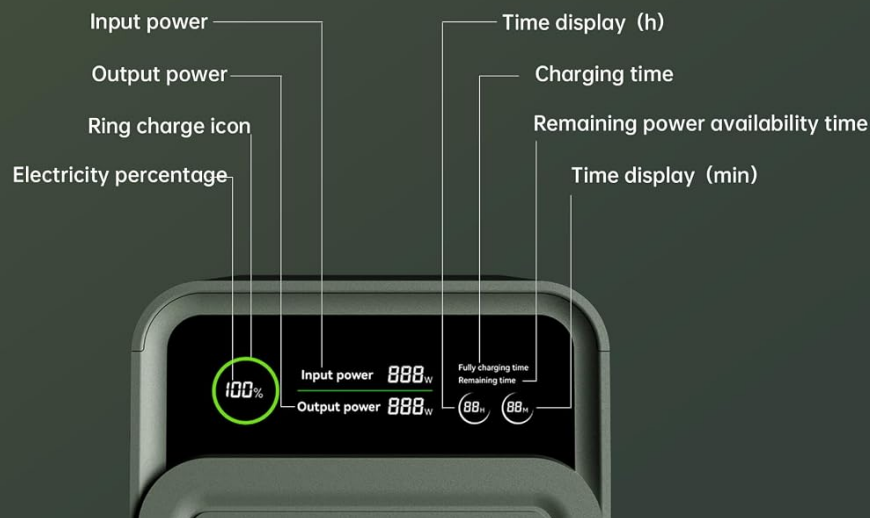


Figure 4.1: The power station connected to a wall outlet via its AC adapter, demonstrating the fast charging capability.

5. OPERATING INSTRUCTIONS

Powering On/Off:

Press and hold the Power Button for a few seconds to turn the unit on or off. The display screen will illuminate when the unit is on.

Charging Your Devices:

The AP200L can charge up to 10 devices simultaneously through its various output ports.

1. Ensure the power station is turned on.
2. Connect your device's charging cable to the appropriate USB-C, USB-A, or DC output port on the power station.
3. The power station will automatically detect and begin charging your device. Monitor the output power on the display screen.

Multiple Outputs



Figure 5.1: The power station connected to a tablet, phone, and portable speaker, demonstrating its multiple output capabilities.

LED Adjustable Emergency Lighting



Figure 5.2: The power station charging a laptop, phone, and fan, showcasing its ability to power multiple devices concurrently, suitable for outdoor use with a solar panel in the background.

Using the LED Light:

The integrated LED light provides illumination for various situations, including emergencies and camping.

1. Press the LED Light Button once to turn on the light.
2. Press the button repeatedly to cycle through different brightness modes (low, high) and special modes (flashing, SOS).
3. Press and hold the button to turn off the light.

Easy to carry around



Figure 5.3: The power station with its adjustable LED light extended, providing illumination for emergency or outdoor use.

AC 140W Max output
90min full charging



Figure 5.4: A composite image showing the foldable design of the LED light, its various brightness modes (low, high, flashing, SOS), and its multi-angle adjustability.

6. CHARGING THE AP200L POWER STATION

AC Charging:

Use the provided AC adapter to charge the power station from a wall outlet. This method offers fast charging, allowing the unit to reach full capacity in approximately 1.5 hours.

Solar Charging:

The AP200L supports solar charging, making it ideal for off-grid use. (Solar panels are sold separately).

1. Connect a compatible solar panel (20-60V/150W max) to the DC Input Port on the power station.
2. Position the solar panel in direct sunlight for optimal charging efficiency.
3. The display screen will show the input power from the solar panel.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your AP200L Power Bank Station.

- **Cleaning:** Use a soft, dry cloth to wipe the surface of the unit. Do not use abrasive cleaners or solvents.
- **Storage:** If storing for an extended period, charge the unit to about 50-80% every 3-6 months to maintain battery health. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** The LiFePO4 battery is designed for over 2000 cycles. Avoid fully discharging the battery frequently to prolong its life.

8. TROUBLESHOOTING

If you encounter issues with your AP200L Power Bank Station, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not turn on	Battery is completely discharged.	Connect the unit to an AC adapter and charge it for at least 15 minutes before attempting to power on.
Devices are not charging	Output ports are not activated or unit is off.	Ensure the unit is powered on. Check if the specific output port is active (some units require a button press to activate AC/DC outputs). Verify cable connection.
Slow charging of devices	Cable or device not compatible with fast charging.	Use original or certified fast-charging cables and ensure your device supports the power station's output protocols (e.g., PD3.1, QC3.0).
Unit not charging from AC/Solar	Charging cable/adapter faulty or solar panel not receiving enough sunlight.	Check all cable connections. Try a different outlet/adapter. For solar, reposition the panel for maximum sunlight exposure.
Overload protection activated	Connected device draws too much power.	Disconnect the device. Turn the power station off and then on again. Ensure the total power draw of connected devices does not exceed 200W.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	AP200L
Battery Type	LiFePO4
Battery Capacity	192Wh (60,000mAh)
Rated Output Power	200W
USB-C Output 1	140W Max (PD3.1)
USB-C Output 2	22.5W Max
USB-A Output (2x)	18W Max each
DC Output	12V/120W Max
DC Input (Charging)	20-60V/150W Max
Product Dimensions	9 x 5 x 8 inches
Item Weight	5 pounds (1.75kg)

Feature	Specification
Operating Temperature	-10°C to 60°C (14°F to 140°F)
Special Features	Automatic Shut Down, Digital Display, Portable, USB Port, LED Light

10. WHAT'S IN THE BOX

The following items are included with your CTOLITY AP200L DC Power Bank Station:

- AP200L Power Station
- AC Adapter
- Car Charger Cable
- User Manual (this document)

11. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your CTOLITY AP200L DC Power Bank Station, please refer to the contact information provided on the product packaging or the official Generic brand website. Keep your purchase receipt as proof of purchase for warranty claims.