

## Cuifati 50000mAh Solar Power Bank

# Cuifati 50000mAh Solar Power Bank User Manual

Model: 50000mAh Solar Power Bank

## 1. PRODUCT OVERVIEW

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The Cuifati 50000mAh Solar Power Bank is a robust and versatile portable charging solution designed for outdoor enthusiasts and emergency preparedness. Featuring a high-capacity battery and solar charging capabilities, it ensures your devices remain powered in various environments.

### Key Features:

- **Massive 50,000mAh Capacity:** Provides multiple recharges for smartphones, tablets, and other USB-powered devices.
- **Solar Charging Capability:** Allows for emergency recharging using sunlight, ideal for off-grid situations.
- **Crush-Proof Aluminum Alloy Casing:** Durable exterior offers protection against impacts and aids in heat dissipation.
- **Integrated LED Camping Light:** Features high-brightness LED with constant, breathing, and SOS flashing modes for illumination and emergency signaling.
- **Versatile Fast Charging:** Supports USB-A, Type-C, and QC Fast Charging protocols for efficient power delivery to a wide range of digital devices.
- **Multi-Protection System:** Built-in safeguards against overcharge, overvoltage, overcurrent, overpower, overdischarge, and temperature fluctuations.





Image 1.1: Front view of the Cuifati Solar Power Bank, showcasing the integrated solar panel.



Image 1.2: Side view displaying the various charging ports and the LED light panel.

## 2. SETUP AND INITIAL USE

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### 2.1 Charging the Power Bank

Before first use, fully charge the power bank using a wall adapter to ensure optimal battery performance. Solar charging is primarily for emergency use and maintaining charge, not for rapid full charging.

1. **Via USB Wall Adapter:** Connect the included USB charging cable (or a compatible Type-C cable) to the power bank's input port and plug the other end into a USB wall adapter (not included). The indicator lights will show charging progress.
2. **Via Solar Panel:** Place the power bank in direct sunlight. The solar indicator light will illuminate, indicating that solar charging is active. For best results, ensure the solar panel is clean and unobstructed.





Image 2.1: Top view of the power bank, showing the solar panel and a USB charging cable.

## **2.2 Checking Battery Level**

Press the power button once to view the current battery level indicated by the LED lights.

## **3. OPERATING INSTRUCTIONS**

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### **3.1 Charging External Devices**

Connect your device's charging cable to one of the power bank's output ports (USB-A or Type-C). The power bank will automatically begin charging your device. If charging does not start, press the power button once.

### 3.2 Using the LED Camping Light

The integrated LED light offers multiple modes for various situations.

1. **Turn On/Off:** Long press the power button to turn the LED light on or off.
2. **Cycle Modes:** Once the light is on, short press the power button to cycle through the modes: Constant Brightness > Breathing Light > SOS Flashing > Burst Flash.



Image 3.1: The power bank demonstrating its LED bright light feature, useful for camping or emergencies.



Image 3.2: Side view highlighting the power button used for operating the device and LED light.

## 4. MAINTENANCE AND CARE

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- **Cleaning:** Wipe the power bank with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials. Ensure the solar panel is clean for efficient charging.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the power bank to about 50-75% every 3-6 months to preserve battery health.
- **Environmental Conditions:** While crush-proof, avoid intentional drops or impacts. Do not expose to water or high humidity.

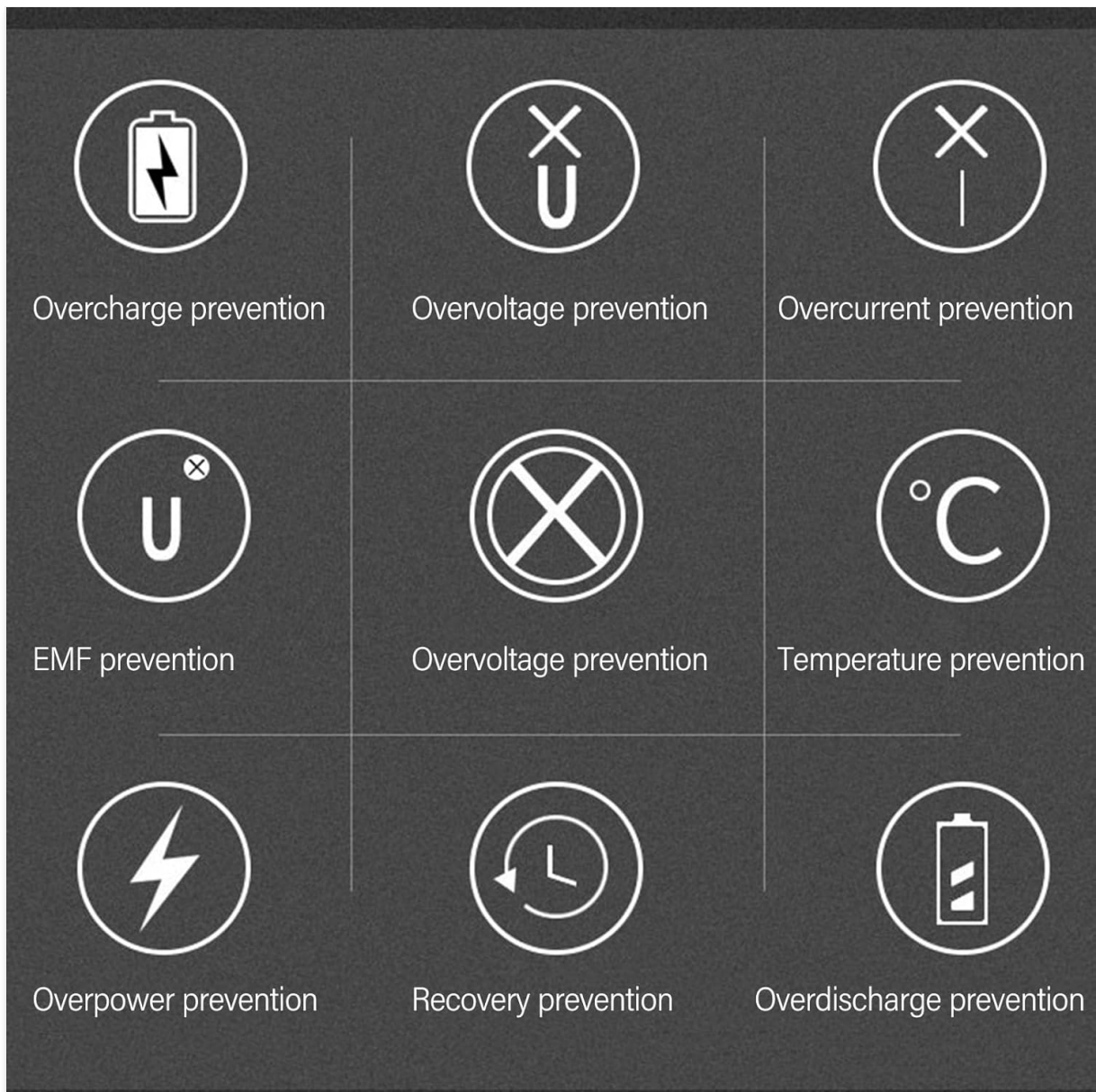


Image 4.1: Icons representing the power bank's multiple protection features, including overcharge, overvoltage, and temperature prevention.

## 5. TROUBLESHOOTING

- **Power bank not charging:** Ensure the charging cable is securely connected to both the power bank and the power source. Try a different cable or wall adapter. For solar charging, ensure direct sunlight and a clean solar panel.
- **Device not charging from power bank:** Ensure the power bank has sufficient charge. Press the power button once to activate output. Try a different USB port or charging cable.
- **LED light not working:** Long press the power button to turn it on. If it still doesn't work, ensure the power bank has sufficient charge.
- **Slow charging:** Ensure you are using a fast-charging compatible cable and your device supports fast charging. Solar charging is inherently slower than wall charging.

## 6. SPECIFICATIONS

Feature	Specification
Battery Capacity	50,000mAh

Feature	Specification
Compatible Devices	Smartphones, Tablets, USB-powered devices (including some laptops)
Charging Protocols	USB-A, Type-C, QC Fast Charging
LED Light Modes	Constant, Breathing, SOS Flashing, Burst Flash
Casing Material	Aluminum Alloy
Color	Orange
Package Dimensions	19 x 13 x 5 cm
Weight	552 grams
Country of Origin	China

## 7. WARRANTY INFORMATION

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This Cuifati Solar Power Bank comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear. Please retain your proof of purchase for warranty claims.

## 8. SUPPORT

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For technical support, warranty claims, or further inquiries, please contact Cuifati customer service. Refer to the product packaging or the retailer's website for the most up-to-date contact information.

We recommend visiting the official Cuifati website for product registration, FAQs, and additional support resources.