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CALIMA 46038

CALIMA 46038 Solar Power Bank 5000 mAh User Manual

Model: 46038

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your CALIMA 46038 Solar Power Bank 5000 mAh. This portable power bank is designed to charge your electronic devices, such as smartphones and tablets, using its internal 5000 mAh lithium polymer battery. It features both Micro USB input for standard charging and a solar panel for supplementary charging, along with a practical LED flashlight.



Image 1.1: The CALIMA Solar Power Bank attached to a backpack, demonstrating its portability for outdoor use.

2. SAFETY INFORMATION

- Do not expose the power bank to extreme temperatures (above 45°C or below 0°C), direct sunlight for prolonged periods, or high humidity.
- Avoid dropping, disassembling, or attempting to repair the device yourself. This may void the warranty and cause damage.
- Keep the power bank away from water and flammable materials.
- Use only certified charging cables and adapters.
- Keep out of reach of children.
- Dispose of the power bank according to local regulations for electronic waste.

3. SETUP

3.1 Initial Charging of the Power Bank

Before first use, fully charge the power bank using the Micro USB input. Connect the provided USB charging cable to the Micro USB input port on the power bank and the other end to a USB power source (e.g., wall adapter, computer USB port).



Image 3.1: Close-up view of the Micro USB input port (IN) and USB Type-A output port (OUT) on the power bank, protected by rubber covers.

3.2 Understanding LED Indicators

The power bank features four LED indicators to display charging status and battery capacity.

- **Charging Status (Green LED):** When the power bank is being charged via Micro USB or solar panel, a green LED will illuminate, indicating that charging is in progress.



Image 3.2: Top view of the power bank showing the green LED indicator illuminated, signifying that the device is currently charging.

- **Battery Capacity (Blue LEDs):** Press the power button once to check the remaining battery capacity. The blue LEDs will light up to indicate the charge level:
 - 1 LED: 0-25%
 - 2 LEDs: 25-50%
 - 3 LEDs: 50-75%
 - 4 LEDs: 75-100%



Image 3.3: Top view of the power bank showing four blue LED indicators illuminated, indicating a full or near-full battery capacity.

3.3 Solar Charging

The integrated solar panel provides a supplementary charging method. Place the power bank in direct sunlight to utilize solar charging. The green LED indicator will illuminate when solar charging is active. Note that solar charging is slower than USB charging and is primarily intended for emergency power or maintaining charge, not as a primary charging source.

4. OPERATING INSTRUCTIONS

4.1 Charging External Devices

1. Connect your device's USB charging cable to the USB Type-A output port (labeled "OUT") on the power bank.
2. Connect the other end of the cable to your electronic device.
3. The power bank will automatically begin charging your device. If not, press the power button once to initiate charging.

4. The blue LED indicators will show the remaining battery capacity of the power bank during discharge.

4.2 Using the LED Flashlight

The power bank includes a built-in LED flashlight for convenience.

1. To turn the flashlight on, press and hold the power button for approximately 2-3 seconds.
2. To turn the flashlight off, press and hold the power button again for approximately 2-3 seconds.



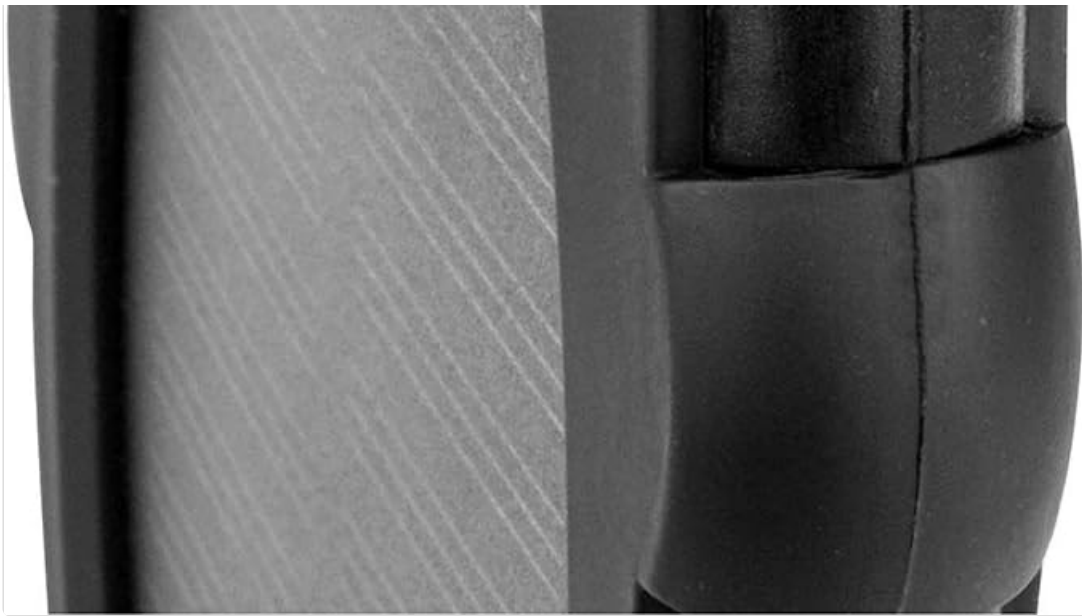


Image 4.1: Close-up view of the power bank with its integrated LED flashlight illuminated, providing portable light.

5. MAINTENANCE

- **Cleaning:** Wipe the power bank with a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to charge the power bank to about 50-75% capacity every 3-6 months to preserve battery life.
- **Battery Care:** Avoid fully discharging the power bank frequently, as this can reduce the overall lifespan of the lithium polymer battery.

6. TROUBLESHOOTING

6.1 Power Bank Not Charging

- Ensure the Micro USB cable is securely connected to both the power bank's input port and the power source.
- Verify that the power source (e.g., wall adapter) is functional.
- If using solar charging, ensure the solar panel is exposed to direct, strong sunlight. Note that solar charging is supplementary and slower.

6.2 External Device Not Charging

- Check if the USB cable connecting the power bank to your device is securely plugged in at both ends.
- Ensure the power bank has sufficient charge by checking the blue LED indicators.
- Press the power button once to activate the power bank and initiate charging.
- Try using a different USB cable or charging a different device to rule out cable or device issues.

6.3 Flashlight Not Working

- Ensure the power bank has sufficient charge.
- Press and hold the power button for 2-3 seconds to activate the flashlight. Repeat to turn it off.

7. SPECIFICATIONS

Model Number	46038
Brand	CALIMA
Battery Type	Lithium Polymer
Battery Capacity	5000 mAh (18.5 Wh)
Input	Micro USB Type B, DC 5V 1A
Output	USB Type A, 5V 1A
Special Features	Solar Charging, LED Flashlight, 4 LED Charge Indicators
Dimensions	Approx. 148 x 85 x 13.6 mm
Weight	130 g
Recommended Use	Smartphone
Power Source	Solar, Battery, Electric Cable

8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation provided at the point of purchase or contact the retailer. The manufacturer of this product is EAL GmbH.