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› WONGKUO M100 Solar Charger Power Bank User Manual

## WONGKUO M100

# WONGKUO M100 Solar Charger Power Bank User Manual

Model: M100

## 1. INTRODUCTION

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Thank you for choosing the WONGKUO M100 Solar Charger Power Bank. This device is designed to provide portable power for your electronic devices, featuring a high-capacity battery, multiple charging options, and a durable, outdoor-ready design. Please read this manual carefully before use to ensure proper operation and to maximize the product's lifespan.

## 2. SAFETY INFORMATION

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- Do not expose the power bank to extreme temperatures, direct sunlight for prolonged periods, or fire.
- Avoid dropping, disassembling, or attempting to repair the device yourself.
- Keep away from water and high humidity, despite its IP65 rating, to prevent damage.
- Use only certified charging cables and adapters.
- Keep out of reach of children.
- The power bank features multiple protection mechanisms against overcharge, overcurrent, overvoltage, and short circuits.

## Multiple Protection

To Ensure A Safer Charging Process



Over-current  
Protection



Overcharge  
Protection



Overvoltage  
Protection



Temperature  
Protection



Short circuit  
Protection



Battery Over-  
Discharge Protection



Image: Internal protection mechanisms for safe charging.

### 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- WONGKUO M100 Solar Charger Power Bank x1
- Type-C Cable x1
- User Manual x1
- Hanging rope x1

### 4. PRODUCT OVERVIEW

The WONGKUO M100 is a robust power bank designed for outdoor use, featuring a 49800mAh capacity, integrated charging cables, wireless charging, and an LED flashlight.



Image: Front and back view of the WONGKUO M100 Power Bank.

## Key Features:

- **49800mAh Capacity:** High-capacity Li-polymer battery for multiple device charges.
- **Multi-Device Charging:** Simultaneously charge up to 5 devices using built-in cables, USB-A output, and wireless charging.
- **Fast Charging:** USB-C port supports 15.5W fast charging.
- **Wireless Charging:** Compatible with Qi-enabled devices.
- **Integrated Cables:** Includes Type-C, Lightning, Micro USB output cables, and a USB-A input cable.
- **LED Flashlight:** Dual super-bright LED flashlight with Steady, SOS, and Strobe modes.
- **Durable Design:** IP65 waterproof, shockproof, and dustproof construction.
- **Solar Panel:** For emergency and supplemental recharging.



Image: Universal compatibility with various devices.

## 5. SETUP

### Initial Charging:

Before first use, fully charge the power bank using a wall adapter. This ensures the internal battery is properly conditioned.

1. Connect the integrated USB-A input cable to a USB wall adapter (not included).
2. Alternatively, use the included Type-C cable to connect the power bank's Type-C input port to a USB wall adapter.
3. The LED indicators will illuminate to show charging progress. All four LEDs will be solid when fully charged.



Image: USB cable charging and solar panel charging methods.

## 6. OPERATING INSTRUCTIONS

### Charging Your Devices:

The power bank supports charging up to five devices simultaneously.

## Charging 5 Devices Simultaneously



Wireless Charging



Type-C Output \* 2



Lightning Output \*1



Micro USB Output \*2



USB-A Output \*1



Image: Charging five devices simultaneously.

- **Using Built-in Cables:** Select the appropriate built-in cable (Type-C, Lightning, or Micro USB) and connect it to your device.
- **Using USB-A Output:** Connect your device's charging cable to the USB-A output port on the power bank.
- **Wireless Charging:** Place your Qi-enabled device (e.g., smartphone) on the wireless charging pad located on the power bank. Ensure the device is centered for optimal charging.

## Wireless Charging

Compatible with all wireless charging devices



Image: Wireless charging in progress.

### Recharging the Power Bank:

- **Via USB-C Input:** Connect the included Type-C cable to the power bank's Type-C input port and a USB wall adapter. This is the fastest charging method.
- **Via Solar Panel:** Place the power bank in direct sunlight. The solar panel will begin to charge the internal battery. Note that solar charging is primarily for emergency use and supplemental power, as it is significantly slower than wall charging.

### LED Flashlight Operation:

The power bank features a dual LED flashlight with three modes.

1. **Turn On/Off:** Double-click the power button to turn the flashlight on or off.
2. **Switch Modes:** Once the flashlight is on, single-click the power button to cycle through the modes: Steady >



Image: Multifunctional LED flashlight modes (Steady, SOS, Strobe).

## 7. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the power bank. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the power bank in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is charged to approximately 50-70%.
- **Durability:** The IP65 rating indicates resistance to dust and low-pressure water jets. While robust, avoid intentional submersion or exposure to heavy rain. The device is also shockproof, designed to withstand typical outdoor impacts.



Image: IPX5 Waterproof, Dustproof, and Shockproof features.

## 8. 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.
- **Device not charging from power bank:** Check if the power bank has sufficient charge. Ensure the cable connecting your device is properly inserted and functional. For wireless charging, ensure your device is Qi-compatible and correctly positioned on the charging pad.

- **Slow charging:** Ensure you are using a fast-charging compatible adapter for wall charging. Solar charging is inherently slower and intended for supplemental power.
- **Flashlight not working:** Double-click the power button to activate the flashlight. If it still doesn't work, ensure the power bank has sufficient charge.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	M100
Battery Capacity	49800 Milliamp Hours (Li-polymer)
Product Dimensions	1.2 x 2.3 x 0.65 inches
Item Weight	1 pounds
Connector Type	USB Type C (Input/Output)
Output Ports	USB-A, Built-in Type-C, Built-in Lightning, Built-in Micro USB, Wireless Charging
Input Ports	USB-C, Built-in USB-A, Micro-USB
Fast Charging	QC 3.0, USB-C 15.5W
Special Features	Flashlight (Steady, SOS, Strobe), Portable, Travel, IP65 Waterproof, Wireless Charging
Manufacturer	Shenzhen Yuanhong Innovation Technology Co., Ltd.

## 10. WARRANTY AND SUPPORT

WONGKUO provides professional pre-sales and after-sales service. If you encounter any questions or issues with your M100 Solar Charger Power Bank, please do not hesitate to contact us. We are committed to providing a satisfactory solution within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official WONGKUO website.