

[Manuals.plus](#) /

> [ERRBBIC](#) /

> ERRBBIC Solar Charger Power Bank 20000mAh User Manual (Model PS31H)

## ERRBBIC PS31H

# ERRBBIC Solar Charger Power Bank 20000mAh User Manual

Model: PS31H

## INTRODUCTION

This manual provides detailed instructions for the safe and efficient use of your ERRBBIC Solar Charger Power Bank 20000mAh. This portable power bank is designed for outdoor enthusiasts and daily users, offering multiple charging options, a high-capacity battery, and robust durability features.

## IMPORTANT SAFETY INSTRUCTIONS

- Do not expose the power bank to extreme temperatures (above 60°C/140°F or below -20°C/-4°F).
- Avoid dropping, disassembling, or modifying the device.
- Keep away from water and high humidity environments.
- Do not use if the power bank is damaged or swollen.
- Keep out of reach of children.
- Use only certified charging cables and adapters.
- The solar charging feature is supplementary; for primary charging, use a wall adapter.

## PACKAGE CONTENTS

Upon opening your ERRBBIC Solar Charger Power Bank package, you should find the following items:

- 1 x ERRBBIC Solar Power Bank (Model PS31H)
- 1 x User Manual (this document)
- 1 x Carabiner

## PRODUCT LAYOUT AND FEATURES

Familiarize yourself with the various components and functionalities of your power bank:

- **Built-in Cables:** Includes Type-C, Lightning, and USB-A cables for direct device charging.
- **External Output Ports:** Two USB-A ports and one PD Type-C port for versatile connectivity.
- **Qi Wireless Charging:** 5W wireless charging pad for compatible devices.
- **Solar Panel:** High-efficiency solar panel for emergency recharging under sunlight.
- **Dual LED Flashlight:** Features 3 modes: Steady, Strobe, and SOS for various lighting needs.
- **LED Indicators:** Displays battery level and charging status.
- **Durable Construction:** Made from professional ABS material, offering IPX8 waterproof, dustproof, shockproof, and drop-proof protection.
- **Mountaineering Buckle:** For easy attachment to backpacks or gear.

## Safety protection



Figure 1: The ERRBBIC Solar Charger Power Bank connected to multiple devices, illustrating its built-in cables and external USB-A and USB-C ports.

# Bright **LED** Flashlight A Must-have for Outdoor Enthusiasts



Figure 2: The power bank's dual LED flashlight in operation, highlighting its three distinct lighting modes for various situations.

## SETUP

1. **Initial Charge:** Before first use, fully charge the power bank using a wall adapter via the Type-C input port. This ensures optimal battery performance.
2. **Attaching Carabiner:** Secure the included carabiner to the designated loop on the power bank for convenient carrying or attachment to a backpack.

## OPERATING INSTRUCTIONS

### Charging Your Devices

- **Using Built-in Cables:** Pull out the appropriate built-in cable (Type-C, Lightning, or USB-A) and connect it directly to your device. The power bank will automatically begin charging.
- **Using External Ports:** Connect your device's charging cable to one of the USB-A or PD Type-C output ports. The power bank will detect the device and start charging.
- **Wireless Charging:** Place your Qi-compatible device on the wireless charging pad located on the back of the power bank. Ensure the device is centered for efficient charging.

- The power bank supports charging up to 6 devices simultaneously.

### Recharging the Power Bank

- **Via Wall Adapter (Recommended):** For fastest charging, connect a Type-C cable to the power bank's Type-C input port and plug it into a wall adapter.
- **Via Solar Panel:** Place the power bank in direct sunlight. The solar panel will convert sunlight into energy to recharge the internal battery. The green LED indicator will illuminate when solar charging is active. Note that solar charging is slower and intended for emergency use or maintaining charge, not as a primary charging method.

## Two Charging Methods



Figure 3: The power bank demonstrating its dual recharging capabilities: via a wall adapter for speed and its integrated solar panel for outdoor energy replenishment.

### Using the Dual LED Flashlight

- **Turn On/Off:** Long press the power button to turn the flashlight on or off.
- **Change Modes:** Short press the power button while the flashlight is on to cycle through the modes: Steady, Strobe, and SOS.

### 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, ensure the battery is charged to about 50-75%.
- **Temperature:** Operate the device within a temperature range of -20°C to 60°C (-4°F to 140°F).

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Device not charging	Low power bank battery; incorrect cable/port; device incompatibility.	Recharge power bank; ensure correct cable/port is used; check device compatibility.
Solar charging not working	Insufficient sunlight; solar panel obstructed.	Place in direct sunlight; ensure panel is clean and unobstructed.
Flashlight not turning on	Low power bank battery; incorrect button press.	Recharge power bank; long press the power button to activate.
Power bank overheating	Overload; high ambient temperature.	Disconnect devices; move to a cooler environment. If overheating persists, discontinue use.

## SPECIFICATIONS

Feature	Detail
Model Number	PS31H
Battery Capacity	20000mAh
Product Dimensions	6 x 3.35 x 0.98 inches
Item Weight	10.6 ounces
Input (Type-C)	5V/3A (Fast Charging)
Output (USB-A1/A2)	5V/3A (Fast Charging)
Output (Type-C)	5V/3A (Fast Charging)
Wireless Output	5W
Solar Panel	5.5V/300mA
Waterproof Rating	IPX8
Special Features	Fast Charging, Dual LED Flashlight, Built-in Cables, Wireless Charging, Shockproof, Dustproof

## WARRANTY AND SUPPORT

---

ERRBBIC provides a one-year after-sales service for this product. If you encounter any problems or have questions, please contact us. We aim to reply within 24 hours.

For more information or support, please visit the official ERRBBIC store:[ERRBBIC Store](#)

## OFFICIAL PRODUCT VIDEO

---

Your browser does not support the video tag.

Video 1: An official overview of the ERRBBIC 20000mAh Solar Charger, demonstrating its features and use cases.

---

© 2026 ERRBBIC. All rights reserved.