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› Luvknit Portable Charger Solar Power Bank 20000mAh User Manual (Model S1008D)

## **Luvknit S1008D**

# **Luvknit Portable Charger Solar Power Bank 20000mAh User Manual**

**MODEL: S1008D**



Image: The Luvknit Portable Charger Solar Power Bank, featuring a solar panel, LED indicators, and a carabiner clip.

## 1. Introduction

This manual provides essential instructions for the safe and efficient use of your Luvknit Portable Charger Solar Power Bank 20000mAh, Model S1008D. This device is designed to provide reliable power for your electronic devices, especially in outdoor and emergency situations, featuring a robust, waterproof, dustproof, and shockproof design.

Key features include a 20000mAh capacity, multiple output ports (USB-A, USB-C, and built-in cables), solar charging capability, and an integrated LED flashlight with multiple modes.

## 2. Package Contents

Please verify that all items are present in your package:

- Luvknit Portable Charger Solar Power Bank (Model S1008D)
- USB Charging Cable
- Carabiner Clip
- User Manual



Image: Illustration of the power bank, USB cable, carabiner, and user manual included in the package.

### 3. Product Overview

Familiarize yourself with the components of your solar power bank:



Image: Diagram illustrating the various components of the Luvknit Solar Power Bank, including the solar panel, LED indicators, USB output ports, Type-C input/output, power button, and dual LED flashlights.

- **Solar Panel:** For emergency solar recharging.
- **Power Indicator LEDs:** Display remaining battery capacity and charging status.
- **USB Output Ports:** For charging external devices.
- **Type-C Input/Output Port:** For charging the power bank or external devices.
- **Power Button:** To turn the device on/off and control the flashlight.
- **Dual LED Flashlights:** For illumination in various modes.
- **Protection Cover:** Shields ports from dust and water.
- **Carabiner:** For easy attachment to backpacks or gear.

## 4. Setup

### 4.1 Initial Charging of the Power Bank

Before first use, fully charge the power bank using a wall adapter. This ensures optimal battery performance.

1. Connect the provided USB charging cable to the Type-C input port on the power bank.
2. Plug the other end of the cable into a 5V/2A (or higher) wall adapter.

3. The LED indicators will illuminate to show charging progress. A full charge typically takes 6-8 hours.

## 4.2 Solar Charging

The solar panel is designed for emergency charging and maintaining battery life when no power outlet is available. It is not intended as the primary charging method due to varying sunlight intensity and slower charging speeds.

1. Place the solar panel directly under strong sunlight.
2. A green LED indicator will light up to confirm solar charging is active.
3. Solar charging time varies significantly based on sunlight conditions and can take several days for a full charge.



Image: Depicts the two charging methods: wall adapter charging (6-8 hours) and solar charging (a few days, depending on weather).

## 5. Operating Instructions

### 5.1 Charging External Devices

The power bank can charge multiple devices simultaneously using its USB-A, USB-C, and built-in cables.

1. Press the Power Button once to activate the power bank and check the battery level.
2. Connect your device to one of the available output ports (USB-A, USB-C) or use the integrated cables (USB-C, Lightning, Micro-USB).
3. The power bank will automatically begin charging your device.
4. To stop charging, disconnect your device. The power bank will automatically power off after a period of inactivity.

## SUITABLE FOR ALL ELECTRIC DEVICES

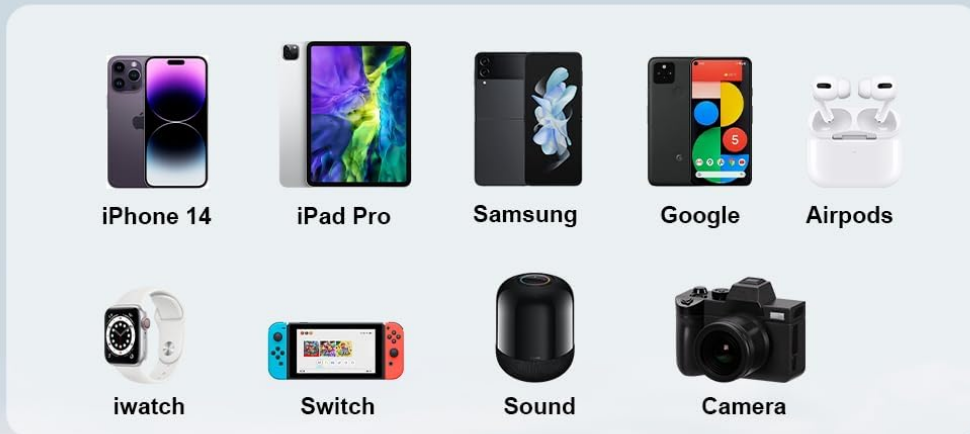


Image: The 20000mAh Solar Charger connected to and charging an iPad, a phone, and AirPods simultaneously.

### 5.2 LED Flashlight Operation

The integrated dual LED flashlights offer three modes for various situations.

1. **To turn on:** Double-press the Power Button. The flashlight will activate in Steady Mode.

2. **To cycle modes:** While the flashlight is on, press the Power Button once to switch between Steady, Strobe, and SOS modes.

3. **To turn off:** Double-press the Power Button again.



Image: Illustrates the three modes of the dual LED flashlight: Steady, SOS, and Strobe, showing its brightness reaching up to 100 feet.

### 5.3 Battery Level Indicators

The blue LED indicators show the remaining battery capacity:

- **4 LEDs:** 75% - 100% charged
- **3 LEDs:** 50% - 75% charged
- **2 LEDs:** 25% - 50% charged
- **1 LED:** 0% - 25% charged (recharge soon)



Image: Close-up view of the LED battery indicators and the power button on the Luvknit Solar Power Bank.

## 6. Safety Precautions

Your Luvknit power bank is equipped with multiple protection features to ensure safe operation:

- **Overcharge Protection:** Prevents battery damage from excessive charging.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Short Circuit Protection:** Automatically shuts off in case of a short circuit.
- **Temperature Protection:** Monitors and regulates internal temperature to prevent overheating.
- **Overvoltage Protection:** Protects against voltage surges.



Image: Visual representation of the multi-protection mechanisms, including overcharge, overcurrent, temperature, and overvoltage protection, ensuring battery health.

### General Safety Guidelines:

- Do not disassemble, modify, or repair the device.
- Avoid exposing the power bank to extreme temperatures, direct fire, or liquids.
- Keep out of reach of children.
- Use only approved charging cables and adapters.

## 7. Maintenance

Proper maintenance ensures the longevity and performance of your power bank.

- **Cleaning:** Wipe the device 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, charge the power bank to about 50-75% every three months.
- **Waterproof/Dustproof Care:** Ensure the port cover is securely closed when not in use to maintain IP67 waterproof and dustproof rating. Avoid prolonged submersion in water.

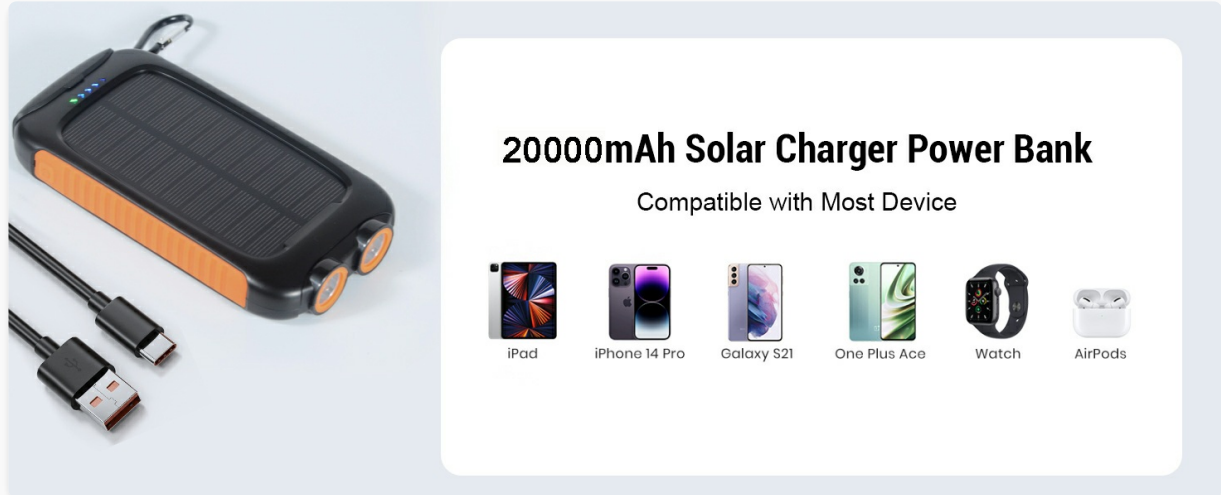


Image: The Luvknit Portable Power Bank shown in various outdoor conditions, highlighting its waterproof, dustproof, and shockproof features.

## 8. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Power bank not charging	Loose cable connection, faulty adapter, power bank fully charged, solar panel not in direct sunlight.	Check cable connections. Try a different adapter/cable. Ensure solar panel is exposed to strong, direct sunlight.
Device not charging from power bank	Power bank off, low battery, faulty cable, incompatible device.	Press power button to turn on. Recharge power bank. Try a different charging cable. Ensure device is compatible.
Solar charging is slow	Insufficient sunlight, cloudy weather, indirect light.	Place the solar panel in direct, strong sunlight. Solar charging is supplementary; use wall charging for faster results.
Flashlight not working	Power bank off, low battery.	Ensure power bank is on and has sufficient charge. Double-press the power button to activate.

If the problem persists, please contact customer support.

## 9. Specifications

Feature	Specification
Model Number	S1008D
Battery Capacity	20000mAh
Product Dimensions	4.29 x 0.84 x 2.9 inches
Item Weight	10.5 ounces
Connectivity Technologies	USB (USB-A, USB Type C)
Special Features	Fast Charging, Flashlight, Pocket Size, Portable, Waterproof, Dustproof, Shockproof
Input/Output	5V/3A (USB-C), 5V/3A (USB-A)
Battery Type	Lithium Polymer
Color	Orange

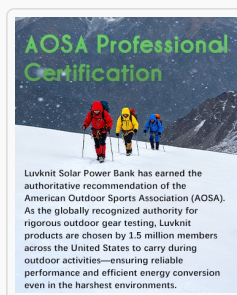
## 10. Warranty and Support

Your Luvknit Portable Charger Solar Power Bank is backed by a 12-month warranty from the date of purchase. This warranty covers manufacturing defects and ensures worry-free use.

For technical support, warranty claims, or any questions regarding your product, please contact Luvknit customer service. Refer to the contact information provided on our official website or the product packaging.

### Transparency and Support Resources

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