

[Manuals.plus](#) /

› [SOARAISE](#) /

› SOARAISE Wireless Solar Power Bank User Manual

SOARAISE HI-S320PWX

SOARAISE Wireless Solar Power Bank User Manual

Model: HI-S320PWX | Brand: SOARAISE

1. INTRODUCTION

Thank you for choosing the SOARAISE 25000mAh Wireless Solar Power Bank. This portable charger is designed to provide reliable power for your devices, especially in outdoor and emergency situations. Featuring a large capacity battery, multiple charging outputs including wireless, and efficient solar panels, it's an ideal companion for camping, hiking, and daily use. Please read this manual carefully to ensure proper use and maintenance of your device.



Image: The SOARAISE Wireless Solar Power Bank with its four solar panels extended, showcasing its design and charging capabilities.

2. WHAT'S IN THE BOX

- Wireless Solar Charger 25000mAh X1
- User Manual X1
- USB-C Cable X1

3. PRODUCT FEATURES

- **Super Large Capacity:** Equipped with a 25000mAh high-quality lithium polymer battery, capable of charging a 3000mAh cell phone approximately 6-7 times or a tablet 3-4 times.
- **Advanced Wireless Charging:** Supports 15W Max wireless charging, compatible with all Qi-enabled devices. Simply place your phone on the charging pad.
- **6-IN-1 Charging Capability:** Features built-in Type-C, iOS, and Micro USB cables, dual USB outputs, and a wireless charging pad, allowing up to 6 devices to charge simultaneously.
- **4X Solar Efficiency:** Integrated with 4 foldable solar panels that generate up to 1A of current, charging significantly faster than single-panel solar chargers.

- **Durable & Outdoor Ready:** Constructed from high-quality ABS+PC material, offering waterproof (IPX5), dustproof, and shockproof protection. Corners are reinforced with thick, drop-proof silicone.
- **3 Super Bright LED Lights:** Built-in flashlights with 3 modes (SOS/Strobe/Standard) for use as a camping light, emergency light, or rescue signal. Provides over 100 hours of light on a full charge.

6 DEVICES CHARGING



1 ×
USB-A



1 ×
USB-C



Built in 3
Cables



Wireless
Charging



Image: The power bank connected to multiple devices, demonstrating its ability to charge up to six devices at once using its various outputs.

HIGH QUALITY BC SOLAR CELLS

200% faster than
other single-panels solar chargers



✓ BC Solar panels

- **200%** Faster Charging Speed
- **Safe High**-Temp Charging
- Low-Light Charging **Enabled**
- Keeps **charging** if suffer impact



✗ Other panels

- Super **slow** charging
- High-Temp Charging **Restricted**
- Low-Light Charging **Disabled**
- **Broken** if suffer impact



Image: A visual comparison highlighting the superior charging speed and reliability of the power bank's high-quality BC solar cells compared to standard panels.

4. SETUP

Initial Charging

Before first use, it is recommended to fully charge the power bank using a wall adapter via the USB-C input port. This ensures the internal battery is fully activated and calibrated for optimal performance.

- Connect the provided USB-C cable to the power bank's USB-C input port.

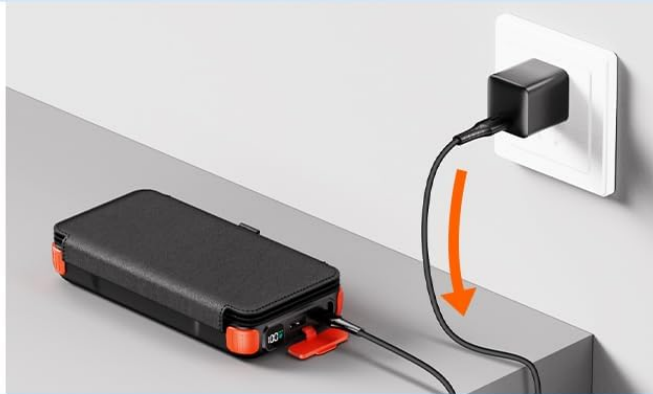
- Connect the other end of the USB-C cable to a compatible USB wall adapter (PD 20W recommended for fastest charging).
- The digital display will show the charging progress. A full charge via USB-C typically takes about 6 hours.

CHOOSE YOUR CHARGING STYLE

Solar
200%
Faster Than
single panel



USB C
5-6H
Charging



**Built-in
Cables**
5-6H
Charging



Image: An illustration detailing the three primary ways to charge the power bank: solar, USB-C port, and built-in cables.

5. OPERATING INSTRUCTIONS

5.1 Charging the Power Bank

Your SOARISE power bank can be charged using two methods:

A. Via USB-C Input (Recommended for Fast Charging)

- Use the included USB-C cable and a wall adapter.
- The PD 20W USB-C port allows for a full charge in approximately 6 hours.

B. Via Solar Panels (Supplemental Charging)

- Unfold the four solar panels and place them in direct sunlight.
- The solar charging indicator on the display will illuminate when charging.
- Solar charging is primarily for emergency use and to maintain charge during outdoor activities. It is slower than wall charging and dependent on sunlight intensity.
- For optimal solar charging, ensure panels are clean and positioned directly towards the sun.



2 FAST CHARGING METHODS

USB-C Port

20w

Charge 71% in 30 minutes



71%



USB-C Cable

Image: A visual representation of the two fast charging methods for the power bank: direct USB-C port connection and using the built-in USB-C cable.

5.2 Charging Your Devices

The power bank offers multiple ways to charge your electronic devices:

A. Using Built-in Cables

- Pull out the integrated Type-C, iOS, or Micro USB cable.
- Connect the appropriate cable to your device's charging port.

B. Using USB Output Ports

- Connect your device's charging cable to one of the dual USB output ports (USB-A or USB-C).

C. Wireless Charging

- Place your Qi-compatible device directly onto the wireless charging pad on the power bank.
- Ensure the device is centered on the pad for optimal charging.
- Note: This power bank does not support magnetic wireless charging.

15W

WIRELESS CHARGING

Note: it doesn't support magnetic charging.



Image: A smartphone being wirelessly charged by the power bank, illustrating the 15W wireless charging capability.

5.3 Using the LED Flashlights

The power bank features three super bright LED flashlights with multiple modes:

- **To Turn On/Off:** Long press the power button for 3 seconds.
- **To Switch Modes:** Once the flashlight is on, click the power button again to cycle through modes: Standard → Strobe → SOS.

3 BRIGHT FLASHLIGHT

As Bright as Daylight

169  Feet |  Hours 120



SOS



Standard



Strobe

Image: Demonstrates the three distinct modes of the built-in LED flashlight: SOS for emergencies, Standard for general illumination, and Strobe for signaling.

6. MAINTENANCE

- **Cleaning:** Wipe the power bank with a soft, dry cloth. 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. If storing for extended periods, charge it to about 50-75% every 3 months to preserve battery life.
- **Protection:** While durable, avoid dropping the device or exposing it to severe impacts. Ensure the charging port silicone cover is properly sealed when not in use to maintain water and dust resistance.

7. TROUBLESHOOTING

- **Power bank not charging:**

- Ensure the USB-C cable is securely connected to both the power bank and the power source.
- Try a different USB-C cable or wall adapter.
- If using solar charging, ensure the panels are in direct, strong sunlight and are clean. Solar charging is supplemental and slower.

- **Device not charging from power bank:**

- Check if the power bank has sufficient charge.
- Ensure the cable (built-in or external) is properly connected to both the power bank and your device.
- For wireless charging, ensure your device is Qi-compatible and correctly positioned on the charging pad. Remove any thick phone cases that might interfere.
- Try a different charging port or cable.

- **Solar charging seems ineffective or drains battery:**

- Solar charging is designed for emergency and supplemental use, not as a primary charging method. It is significantly slower than wall charging.
- Ensure the solar panels are exposed to direct, intense sunlight. Cloudy conditions or indirect light will severely reduce efficiency.
- If the power bank is actively discharging (charging a device) while attempting solar charge, the solar input might not be sufficient to offset the discharge, leading to a perceived