

QiSa S86 Pro

QiSa Solar Charger Power Bank User Manual

Model: S86 Pro | Brand: QiSa

1. INTRODUCTION

The QiSa Solar Charger Power Bank is a high-capacity, multi-functional portable power solution designed for reliability and convenience in various environments. With a 40000mAh capacity, it provides ample power for multiple devices. Its robust design incorporates solar charging, a hand crank generator for emergencies, and multiple output options, making it an ideal companion for outdoor activities and daily use.



Image 1.1: Overview of the QiSa Solar Charger Power Bank, highlighting its integrated features.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- QiSa Solar Charger Power Bank (Model S86 Pro)
- USB-A to USB-C Charging Cable
- User Manual
- Carabiner



PACKAGE INCLUDES

- Product Box
- Power Bank
- Type-C Cable
- User Manual
- Carabiner

Image 2.1: Contents of the QiSa Solar Charger Power Bank package.

3. PRODUCT FEATURES

- **High Capacity:** 40000mAh lithium polymer battery for multiple device charges.
- **Integrated Cables:** Built-in Micro-USB, Type-C, and iOS cables for convenient charging without extra cords.
- **Multiple Outputs:** Three additional output ports (USB1 22.5W fast charging, Type-C PD20W fast charging, USB2 10W output) for simultaneous charging of up to 6 devices.
- **Diverse Charging Inputs:** Supports USB-A, Type-C, Solar, and Hand Crank charging.
- **Emergency Features:** Built-in super bright flashlight with 4 modes (Super Bright, Soft, SOS, Strobe), compass, and leveling device.
- **Durability:** Made from high-quality engineering ABS material, featuring IP67 waterproof, shockproof, and dustproof capabilities.
- **Safety Protections:** Intelligent protection IC with multiple programs including short circuit, overcurrent, over-discharge, overvoltage, temperature, over-power, overcharge, recovery, and electromagnetic field protection.



Image 3.1: The power bank's capability to charge multiple devices concurrently.

BUILT-IN 4 CHARGING CABLES

No need to carry charging cables when going out



Image 3.2: Close-up view of the integrated charging cables.



**DUST-
PROOF**



**SHOCK-
PROOF**



**WATER-
PROOF**

Image 3.3: Visual representation of the power bank's rugged and protective design.

MULTIPROTECT TECHNOLOGY

Multiple security protection technologies allow you to use with confidence

-  Short circuit Protection
-  Overcurrent Protection
-  Over-discharge Protection
-  Overvoltage Protection
-  Temperature Protection
-  Over-power Protection
-  Overcharge Protection
-  Recovery Protection
-  Electromagnetic Field protection



Image 3.4: Diagram illustrating the various safety protection features.

4. SETUP AND INITIAL CHARGING

Before first use, it is recommended to fully charge the power bank using a wall adapter for optimal performance and battery longevity.

1. **Connect to Power:** Use the built-in USB-A input cable or a Type-C cable to connect the power bank to a compatible wall adapter (not included).
2. **Charging Indication:** The LED indicators on the power bank will illuminate to show the charging progress. All LEDs will be solid when fully charged.

4 KINDS OF POWER INPUT



Image 4.1: Various methods for charging the power bank, including wall charging.

5. OPERATING INSTRUCTIONS

5.1 Charging Your Devices

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

- **Built-in Cables:** Pull out the appropriate built-in Micro-USB, Type-C, or iOS cable and connect it directly to your device.
- **USB Ports:** Use your device's original charging cable and connect it to one of the available USB1 (22.5W), USB2 (10W), or Type-C (PD20W) output ports.

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Video 5.1: Demonstration of charging various devices using the QiSa Solar Charger Power Bank's multiple outputs and built-in cables.

5.2 Solar Charging (Emergency Use)

The solar panel is designed for emergency charging and is not intended as the primary charging method. For best results, place the power bank in direct sunlight.

4 KINDS OF POWER INPUT



USB-A
CHARGING



USB-C
CHARGING



HAND CRANKED
CHARGING



SOLAR
CHARGING

Image 5.2: The power bank being charged via its solar panel.

5.3 Hand Crank Charging (Emergency Use)

The hand crank generator provides an emergency power source. Rotate the handle to generate electricity. This method is for emergency situations only and not for daily charging.



Image 5.3: How to use the integrated hand crank for emergency power generation.

5.4 Flashlight Operation

The power bank features a super bright flashlight with four modes:

- **Super Bright:** Press the power button once to turn on.
- **Soft:** Press again to switch to soft light.
- **SOS:** Press a third time for SOS signal.
- **Strobe:** Press a fourth time for strobe mode.
- **Off:** Press a fifth time to turn off.

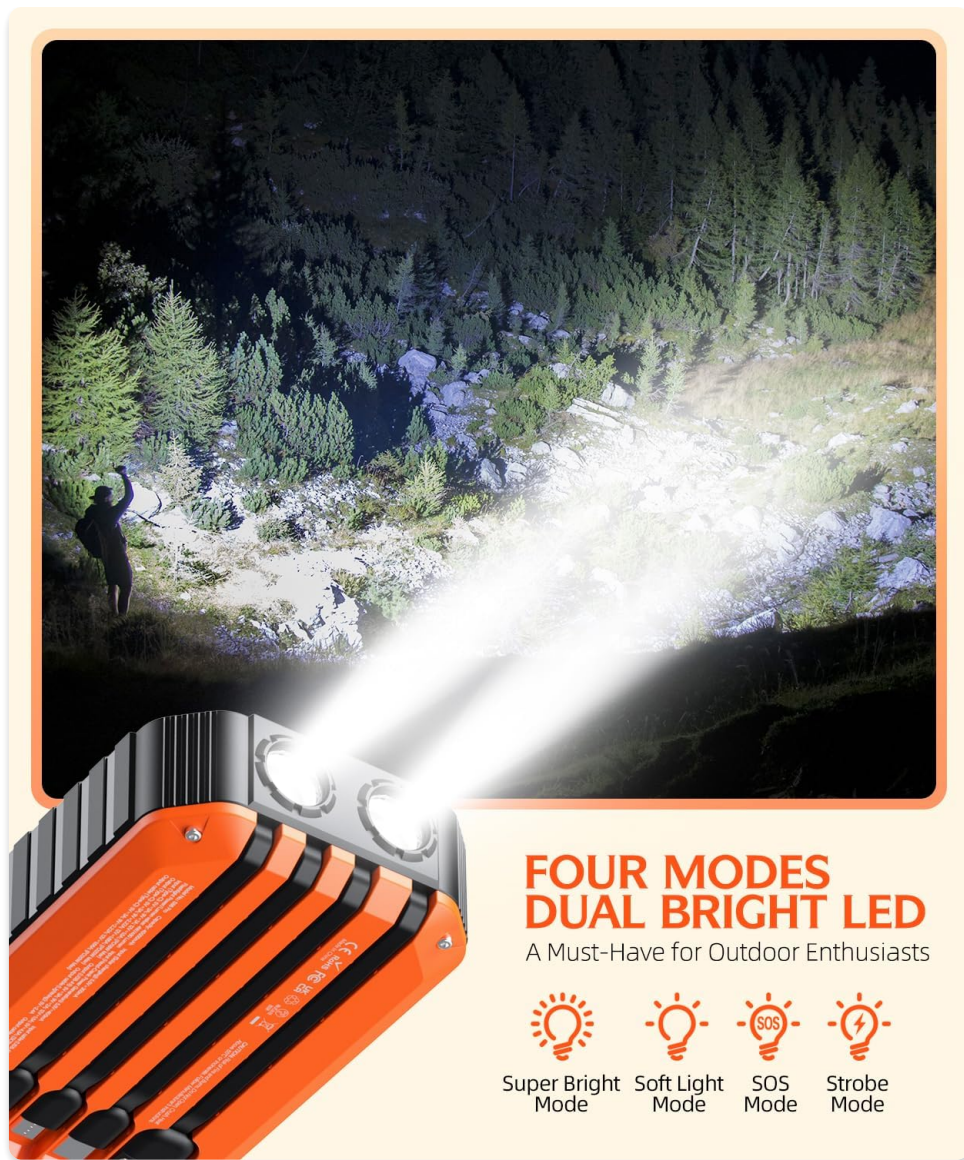


Image 5.4: The power bank's dual LED flashlight with its various modes.

5.5 Compass and Leveling Device

The built-in compass and leveling device are useful tools for outdoor navigation and setting up equipment on uneven terrain.



Image 5.5: The integrated compass for directional guidance.



Image 5.6: The built-in level gauge for ensuring a flat surface.

6. MAINTENANCE

- **Cleaning:** Wipe the power bank with a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store 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 3 months to preserve battery health.
- **Battery Care:** Do not fully discharge the power bank frequently. Regular charging through a wall plug is beneficial for the power bank's lifespan.

7. TROUBLESHOOTING

- **Device Not Charging:**
 - Ensure the power bank has sufficient charge.
 - Check if the charging cable is securely connected to both the power bank and your device.
 - Try a different charging cable or port.
- **Slow Solar Charging:**
 - Solar charging is an emergency feature and inherently slower than wall charging. Ensure the solar panel is exposed to direct, strong sunlight.
 - Clean the solar panel surface from any dust or debris.
- **Flashlight Not Working:**
 - Ensure the power bank has charge.
 - Press the power button as described in Section 5.4.

If issues persist, please contact customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	QiSa
Model Number	S86 Pro

Battery Capacity	40000mAh
Product Dimensions	6.5 x 3 x 1.5 inches
Item Weight	1.52 pounds
Input (USB-A)	5V-2A / 9V-2A / 12V-1.5A
Input (Type-C)	PD20W (Max 18W)
Output (USB1)	22.5W Fast Charging
Output (USB2)	10W
Output (Type-C)	PD20W
Built-in Cables	Micro-USB, Type-C, iOS
Waterproof Rating	IP67
Flashlight Modes	Super Bright, Soft, SOS, Strobe

9. SAFETY INFORMATION

- Do not disassemble, open, or shred the battery pack.
- Do not expose the power bank to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit the battery pack. Do not store battery packs haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by conductive materials.
- Do not subject the power bank to mechanical shock.
- In the event of a battery leak, do not allow the liquid to come into contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Keep the power bank clean and dry.
- Do not leave a battery pack on prolonged charge when not in use.
- Do not use any charger other than that specifically provided for use with the equipment.
- Do not use any power bank that is not designed for use with the equipment.
- Battery usage by children should be supervised.

10. WARRANTY AND SUPPORT

QiSa products are manufactured to the highest quality standards. This product is covered by a limited warranty against defects in materials and workmanship from the date of purchase. Please retain your proof of purchase for warranty claims.

For technical support, warranty claims, or general inquiries, please contact QiSa customer service through the retailer's platform or the official QiSa website.