

FlexSolar S60

FlexSolar 60W Portable Solar Panel Charger S60 User Manual

Model: S60

1. INTRODUCTION

The FlexSolar 60W Portable Solar Panel Charger S60 is a compact, foldable, and efficient solar power solution designed for various outdoor and emergency charging needs. This versatile device allows users to charge small power stations, smartphones, power banks, tablets, and other essential electronic devices while on the go. Its high-efficiency monocrystalline solar cells convert sunlight into electricity with up to 24% efficiency, ensuring reliable power.



Image 1.1: The FlexSolar 60W Portable Solar Panel Charger S60 in use, providing power for outdoor activities.

2. PACKAGE CONTENTS AND SETUP

Before using your FlexSolar 60W Portable Solar Panel Charger S60, please ensure all components are present and undamaged.

2.1. What's Included

- FlexSolar 60W Solar Panel (S60)
- Carabiners (x2)
- Solar charging cable with multiple connectors (XT60, Anderson, DC5521, DC7909)

WHAT YOU GET



Image 2.1: The complete package contents of the FlexSolar S60 solar panel charger.

2.2. Deployment and Positioning

1. Unfold the solar panel completely.
2. Position the panel in direct sunlight, ensuring no shadows obstruct the solar cells. For optimal performance, angle the panel directly towards the sun.
3. Use the included carabiners to hang the panel if desired, utilizing the metal holes for secure installation.

FlexSolar 60W SOLAR CHARGER

Fitting in your Camping or RV in road trip

 **2.6 lbs (1.2 kg)**



Image 2.2: The FlexSolar S60 solar panel unfolded, demonstrating its compact and portable design suitable for camping.

2.3. Connecting Devices

The solar panel features multiple output ports for broad compatibility:

- **QC3.0 USB-A:** 5V-3A / 9V-2A / 12V-1.5A (18W max)
- **PD3.0 USB-C:** 5V-3A / 9V-3A / 12V-3A / 15V-2.67A / 20V-2.0A (40W max)
- **DC Output:** 20V-28V / 3.2A max (60W max)

Connect your device to the appropriate port using the provided solar charging cable or your device's compatible cable. The intelligent chip automatically identifies connected devices and adjusts the output current for the fastest possible charging speed.

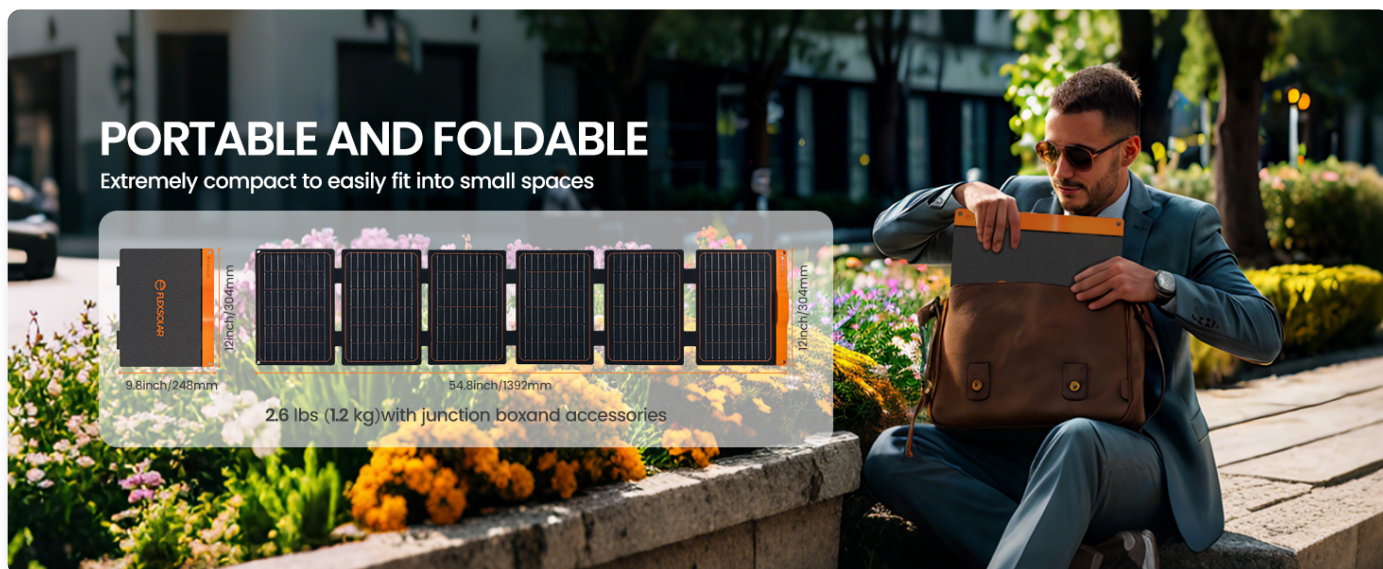


Image 2.3: Output ports and device compatibility for the FlexSolar S60 solar panel.

3. OPERATING INSTRUCTIONS

To begin charging, simply connect your device to the solar panel's output port. Ensure the panel is exposed to direct sunlight. A red LED indicator light will illuminate when the panel is receiving sufficient light and is ready to charge your device.

Your browser does not support the video tag.

Video 3.1: A demonstration of how to use the FlexSolar 60W Portable Solar Panel Charger S60, including unpacking, setup, and connecting to a power station.

3.1. Charging Performance

- The power output of solar panels is directly influenced by sunlight intensity. Under direct sunlight, the panel can reach its rated 60W output.
- In cloudy conditions, the output may range from 30-40W.
- For charging lead-acid batteries, a solar controller is required. This is not included in the package and must be purchased separately.

Green Renewable Power

Where There Is Sunlight, There Is Electricity



88wh



Explorer 160



Explorer 240



RIVER 2



EB3A

Image 3.1: The FlexSolar S60 solar panel charging different power stations, highlighting its versatility.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your solar panel.

4.1. Cleaning

Regularly clean the solar panel surface to remove dust, dirt, or debris that may reduce efficiency. Use a soft, damp cloth. Avoid abrasive cleaners or harsh chemicals.

4.2. Storage

When not in use, fold the solar panel and store it in a dry, cool place. The compact folded size (9.8 x 12 x 1 inch) makes it easy to store in a backpack or similar space.

4.3. Water Resistance

The solar panel features IP67 dustproof and waterproof technology, making it durable in various weather conditions. However, please note that the junction box, which houses the output ports, is **not** waterproof. Ensure the junction box is protected from moisture.



Image 4.1: The IP67 dustproof and waterproof design of the FlexSolar S60 solar panel.

5. TROUBLESHOOTING

If you encounter issues with your FlexSolar 60W Portable Solar Panel Charger S60, refer to the following common solutions:

- **No Power Output / Low Charging Speed:**
 - Ensure the solar panel is in direct sunlight and not obstructed by shadows.
 - Adjust the panel's angle to face the sun directly for maximum efficiency.
 - Check all cable connections to ensure they are secure.
 - Verify the LED indicator light is on, indicating sufficient light for charging.
 - Remember that power output is lower in cloudy conditions.
- **Device Not Recognized:**
 - Disconnect and reconnect the device. The intelligent chip should re-identify it.
 - Ensure your device is compatible with the output specifications of the solar panel.

6. SPECIFICATIONS

Feature	Specification
Brand	FlexSolar
Model Number	S60
Material	Monocrystalline Silicon
Maximum Power	60 Watts

Efficiency	Up to 24% energy conversion
Product Dimensions (Unfolded)	54.8"L x 12"W x 1"H (approximate, based on folded dimensions)
Product Dimensions (Folded)	9.8"L x 0.7"W x 12"H
Item Weight	2.64 pounds (1.2 Kilograms)
Output Ports	QC3.0 USB-A, PD3.0 USB-C, DC (20-28V)
Waterproof Rating	IP67 (panel surface, junction box is not waterproof)
Included Components	60W solar panel, Carabiners X 2, Solar charging cable

7. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your FlexSolar 60W Portable Solar Panel Charger S60, please refer to the contact information provided in your product packaging or visit the official FlexSolar website. Extended protection plans may be available for purchase separately.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

