

Anker SOLIX C300

Anker SOLIX C300 Portable Power Station with 60W Solar Panel User Manual

Model: Anker SOLIX C300 (A1722)

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation of your Anker SOLIX C300 Portable Power Station and its accompanying 60W Solar Panel. Please read this manual thoroughly before use and retain it for future reference.

The Anker SOLIX C300 is a compact and powerful portable power station designed for various applications, including outdoor camping, traveling, and emergency backup. It features a 288Wh LiFePO4 battery, 300W (600W surge) AC output, and multiple charging ports, including 140W two-way USB-C. The included 60W solar panel allows for sustainable recharging.

2. WHAT'S IN THE BOX

Upon unpacking, verify that all items listed below are present and in good condition:

- Anker SOLIX C300 Portable Power Station
- 60W Solar Panel
- XT-60 to DC7909 Charging Cable
- Solar to XT60 Charging Cable
- Extension Cable
- AC Charging Cable
- Safety Manual
- Warranty Information

Note: The C300 Portable Power Station and 60W Solar Panel may be shipped separately. If you receive one item before the others, please check the delivery status of the remaining items.

3. PRODUCT OVERVIEW



Image: Anker SOLIX C300 Portable Power Station shown with the 60W foldable solar panel.

Key Features:

- **Compact Design:** 15% smaller than similar designs, enhancing portability.
- **High Capacity:** 288Wh LiFePO4 battery.
- **Power Output:** 300W continuous AC output, 600W surge capability.
- **Versatile Ports:** 8 charging ports including 3 AC outlets, 1 car socket, 2 USB-C (140W), 1 USB-C (15W), and 1 USB-A (12W).
- **Fast Charging:** 140W two-way USB-C ports for rapid device charging and power station recharging.
- **Solar Recharging:** Compatible with the included 60W solar panel for sustainable power.
- **Durability:** LiFePO4 batteries designed for 3,000 cycles, offering a 10-year lifespan. Features smart temperature control and impact resistance.
- **Quiet Operation:** Emits only 25dB from 3.3 ft away.

4. SETUP

4.1 Initial Charging

Before first use, fully charge the Anker SOLIX C300. Connect the AC charging cable to the power station and a wall outlet. The display will indicate charging status. A full charge ensures optimal battery performance.

4.2 Connecting the Solar Panel

To utilize solar charging:

1. Locate the MC4 ports on the back of your solar panel.
2. Use an extension cable to connect the MC4 ports to the MC4 to XT60 solar charging converter.
3. Connect the solar charging cable converter to the XT60 port on your power station.

Ensure solar input voltage is between 11 to 28V. The C300 is not compatible with Anker SOLIX PS30 or other 5V~3A USB-C solar panels.

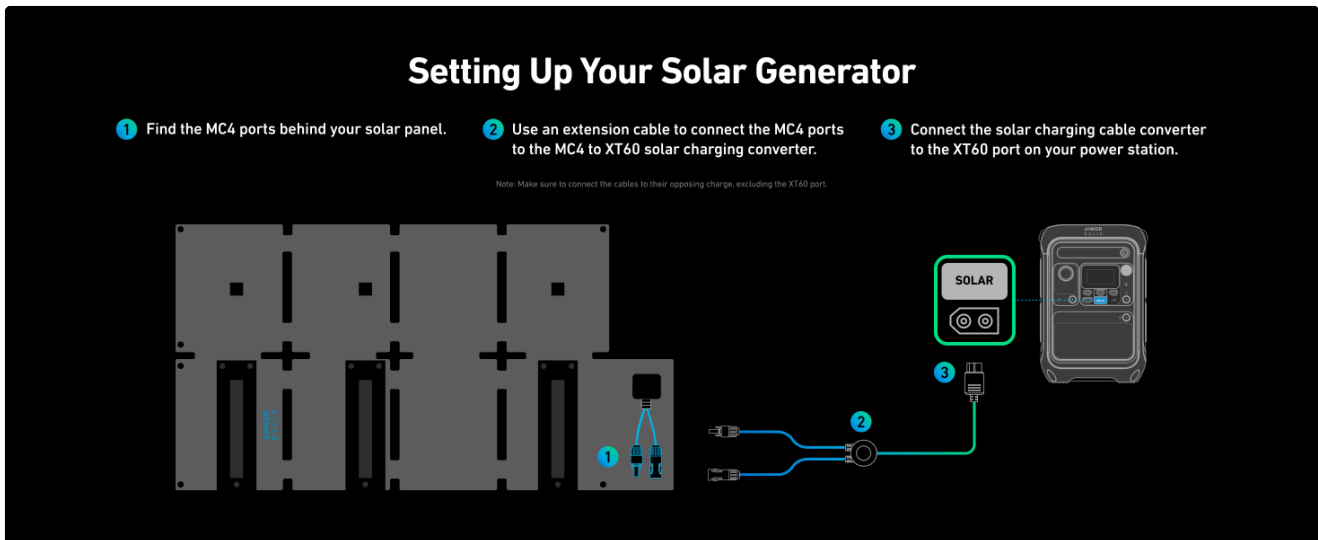


Image: Step-by-step diagram illustrating the connection process for the solar panel to the Anker SOLIX C300.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

Press and hold the main power button to turn the power station on or off. The display will illuminate when powered on.

5.2 Using AC Outlets

Press the AC button to enable the AC outlets. Plug your devices into the available AC ports. Ensure the total wattage of connected devices does not exceed 300W (600W surge).

5.3 Using USB Ports

The USB-A and USB-C ports are automatically active when the power station is on. Simply connect your USB-powered devices. Note that when 15W USB-C and 12W USB ports are used simultaneously, total output is limited to 20W.

FAST CHARGE DEVICES WITH 3 USB-C PORTS

 AC ×3 (300W)	 15W USB-C ×1 (15W)	 140W 2-Way USB-C ×1 Fast-Charging	 140W USB-C ×1 (140W)	 USB-A ×1 (12W)	 Car Socket ×1 (120W)
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Note: When 15W USB-C and 12W USB ports are used simultaneously, total output is limited to 20W.

Image: The Anker SOLIX C300 displaying its array of charging ports, including AC, USB-C, USB-A, and car socket.

5.4 Using the Car Socket

Press the DC button to enable the car socket. Connect 12V devices to this port. Maximum output for the car socket is 120W.

5.5 Display Information

The integrated display provides real-time information including battery level, input/output wattage, and estimated remaining runtime.

6. CHARGING METHODS

The Anker SOLIX C300 offers multiple recharging options:

- **Wall Outlet:** Recharge to 80% in approximately 50 minutes using the AC charging cable.
- **Solar Panels:** Recharge to 80% in approximately 4 hours with the 60W solar panel.
- **Car Charger:** Recharge using your vehicle's 12V outlet.
- **PD 3.1 USB-C Port:** Fast charge to 80% in 1.8 hours using a compatible 140W PD 3.1 USB-C charger (not included).



Image: Visual representation of the various recharging methods for the Anker SOLIX C300, including wall, solar, and car charging.

7. MAINTENANCE

- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the unit to 50-80% every 3-6 months to preserve battery health.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the power station and solar panel. Do not use abrasive cleaners or immerse in water.
- **Battery Care:** The LiFePO4 battery is designed for longevity (3,000 cycles). Avoid fully discharging the battery frequently to extend its lifespan.
- **Solar Panel Care:** The 60W solar panel is IP68 waterproof and dust-proof. Keep the solar cells clean for optimal charging efficiency.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Power station does not turn on.	Battery is fully discharged.	Connect to an AC outlet or solar panel for charging.
AC outlets not providing power.	AC output is not enabled. Overload protection activated.	Press the AC button to enable. Reduce connected load if overloaded.
Solar panel not charging.	Incorrect connection. Insufficient sunlight. Incompatible solar panel.	Ensure correct cable connections. Position panel in direct sunlight. Verify panel voltage (11-28V).

Problem	Possible Cause	Solution
USB ports not charging devices.	Device incompatibility. Total output limit exceeded.	Check device compatibility. Ensure total USB output does not exceed 20W when 15W USB-C and 12W USB-A are used simultaneously.

9. SPECIFICATIONS

Feature	Detail
Brand	Anker
Model Name	Anker SOLIX C300
Item Model Number	A1722
Battery Type	LiFePO4
Capacity	288Wh
AC Output	300W (600W Surge)
USB-C Output (2-way)	140W
USB-C Output	15W
USB-A Output	12W
Car Socket Output	120W
Total Power Outlets	8
Solar Panel Wattage	60W
Solar Input Voltage	11-28V
Dimensions	6.45 x 6.34 x 9.49 inches
Weight	15.47 pounds
Operating Noise Level	25dB (at 3.3 ft)

10. WARRANTY AND SUPPORT

The Anker SOLIX C300 Portable Power Station comes with a 5-year warranty, reflecting its durable design and LiFePO4 battery technology, which is rated for 3,000 cycles and a 10-year lifespan.

For technical support, warranty claims, or additional information, please refer to the included Warranty Info document or visit the official Anker support website. You can also find a digital version of the user manual and user guide via the links below:

- [User Manual \(PDF\)](#)
- [User Guide \(PDF\)](#)

