

ALLPOWERS S300PLUS

ALLPOWERS S300PLUS Portable Power Station User Manual

Model: S300PLUS

1. INTRODUCTION

The ALLPOWERS S300PLUS is a compact and portable power station designed to provide reliable power for various applications, including camping, travel, outdoor activities, and emergency backup. With a 288Wh capacity and 300W (600W peak) output, it can power multiple devices simultaneously. This manual provides essential information for safe and efficient use of your S300PLUS.



Image 1.1: ALLPOWERS S300PLUS overview with key specifications.

2. SAFETY INSTRUCTIONS

Please read and understand all safety warnings before operating this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from fire, water, and extreme temperatures.
- Do not use or store the unit in direct sunlight or high-temperature environments.
- Avoid dropping or subjecting the unit to strong impacts.
- Keep out of reach of children.

- Ensure proper ventilation during use to prevent overheating.
- Use only original or certified accessories.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- 1 x ALLPOWERS S300PLUS 288Wh Portable Power Station
- 1 x AC Power Adapter and Charging Cable
- 1 x User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the ports and features of your ALLPOWERS S300PLUS.

5 METHODEN ZUM AUFLADEN



Image 4.1: Front panel with output and input ports.

The S300PLUS features multiple output ports to power a variety of devices:

- 1 x AC Output (230V, 300W rated, 600W peak)
- 1 x 12V/10A Car Port
- 2 x USB-A Ports (18W Max)

- 1 x USB-C Port (QC3.0 up to 100W)
- 1 x 5V/1A Wireless Charging Pad



Image 4.2: Detailed diagram of output ports.

5. SETUP

Before first use, it is recommended to fully charge your ALLPOWERS S300PLUS.

5.1 Initial Charging

Connect the provided AC power adapter to the AC input port on the power station and plug it into a wall outlet. The display will indicate charging status. A full charge via AC takes approximately 1-2 hours.



Image 5.1: Charging the S300PLUS via AC input.

6. OPERATING INSTRUCTIONS

6.1 Charging the Power Station

The S300PLUS offers five methods for recharging:

1. **AC Wall Outlet:** Fully charges in 1-2 hours.
2. **Solar Panel:** Charges in approximately 3-4 hours with direct sunlight using a compatible solar panel (MPPT 100W)

max).

3. **12V Car Cigarette Lighter Socket:** Charges in 3-4 hours.
4. **USB-C (PD 100W):** Charges in 3-4 hours.
5. **AC + XT60 (Simultaneous Charging):** Achieves 100% charge in 1 hour with combined 300W input.



Image 6.1: Five charging methods for the S300PLUS.

6.2 Powering Devices

The S300PLUS can power up to 6 devices simultaneously. Simply plug your devices into the appropriate output ports. The Battery Management System (BMS) protects against overcurrent, overcharge, overheating, and short circuits.



Image 6.2: Powering multiple devices with the S300PLUS.

6.3 Bluetooth Control via Smartphone App

Control your S300PLUS remotely using the ALLPOWERS app, available for iOS 9.0+ and Android 4.3+ devices. The Bluetooth connection ensures stable wireless control, allowing you to monitor and manage the power station from your smartphone.



Image 6.3: Remote control via the ALLPOWERS smartphone app.

6.4 Integrated LED Light

The built-in LED light can be used for illumination or as an automatic SOS signal during emergencies.

Wenn Sie zelten gehen oder es zu Stromausfällen kommt,
kann LED-Licht Ihre Ängste lindern.



Image 6.4: S300PLUS LED light in use.

6.5 UPS Functionality

The ALLPOWERS S300PLUS can provide Uninterruptible Power Supply (UPS) functionality, delivering emergency power to your devices within 15 milliseconds during a power outage.



Image 6.5: S300PLUS providing UPS battery backup.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power station.

- **Storage:** Store the unit in a cool, dry place, away from direct sunlight and corrosive materials.
- **Battery Care:** For optimal battery life, fully charge the unit every 3-6 months, even if not in use. Avoid completely draining the battery for extended periods.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive materials.
- **Temperature:** Operate and store the unit within the recommended temperature range specified in the specifications.



Image 7.1: S300PLUS battery protection features.

8. TROUBLESHOOTING

If you encounter issues with your S300PLUS, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	Battery is completely drained; Power button not pressed correctly.	Charge the unit using the AC adapter; Press and hold the power button for 3 seconds.
AC output not working	AC output is not enabled; Device power exceeds 300W.	Press the AC power button to enable; Check device wattage, use devices within 300W.
Unit not charging	Charging cable loose; Adapter faulty; Input source issue.	Ensure all connections are secure; Try a different charging method or adapter; Check solar panel connection/sunlight.
Bluetooth connection fails	Bluetooth not enabled on phone/unit; App issue.	Ensure Bluetooth is on for both devices; Restart the app and power station; Re-pair the device.

9. SPECIFICATIONS

Feature	Specification
Model Number	ALLPOWERS S300 PLUS
Capacity	288Wh (78000mAh)
AC Output	230V, 300W (600W Peak)
USB-A Output	2 x 18W Max
USB-C Output	1 x QC3.0 (up to 100W)
Car Port Output	1 x 12V/10A
Wireless Charging	1 x 5V/1A
AC Input	Up to 200W
Solar Input	MPPT 100W Max
Material	ABS (High strength, high temperature resistance, good insulation)
Dimensions	20.6 x 11 x 16 cm
Weight	3.4 kg
Special Features	Stable and Portable, Bluetooth Control, UPS Function

10. WARRANTY AND SUPPORT

The ALLPOWERS S300PLUS Portable Power Station comes with a **6-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

For technical support, warranty claims, or any questions regarding your product, please contact ALLPOWERS customer service:

- **Email:** support@allpowers.com
- **Website:** www.allpowers.com

Please have your purchase receipt and model number (S300PLUS) ready when contacting support.

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

Email

you@example.com

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