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› UDPOWER S1200 Portable Power Station User Manual

UDPOWER AS1200

UDPOWER S1200 Portable Power Station User Manual

Model: AS1200

INTRODUCTION

Thank you for choosing the UDPOWER S1200 Portable Power Station. This device is designed to provide reliable and versatile power for various applications, from home backup to outdoor adventures. Featuring a 1190Wh LiFePO4 battery, 1200W pure sine wave AC output (1800W surge), and multiple charging ports, the S1200 ensures your essential devices remain powered. Please read this manual thoroughly before operating the unit to ensure safe and optimal performance.

SAFETY INSTRUCTIONS

Adhering to these safety guidelines is crucial for preventing damage, electric shock, injury, or fire.

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Keep the unit away from heat sources, direct sunlight, and flammable materials.
- Do not expose the unit to water or other liquids. Operate in a dry environment.
- Ensure proper ventilation during use. Do not block the ventilation openings.
- Use only the provided or approved accessories and cables.
- This product is UL2743 and FCC Certified, ensuring high safety standards. The LiFePO4 battery chemistry significantly reduces fire risk compared to traditional lithium-ion batteries.
- Operate within the recommended temperature range: -4°F to 140°F (-20°C to 60°C).
- Keep out of reach of children and pets.

PACKAGE CONTENTS

Verify that all items are included in your package:

- 1x UDPOWER S1200 Portable Power Station (Grey)
- 1x Fast Charging Cable
- 1x Car Charging Cable
- 1x User Guide (This Manual)

PRODUCT OVERVIEW

The UDPOWER S1200 features a comprehensive set of ports and an intuitive display for easy operation.



Figure 1: Front view of the UDPOWER S1200 Portable Power Station, highlighting the display, AC outlets, USB ports, and DC input.

Ports and Features:

- **Digital Display:** Shows battery level, input/output wattage, and status indicators.
- **5x AC Outlets:** Pure Sine Wave output, 1200W continuous, 1800W surge.
- **2x 100W USB-C PD Ports:** For fast charging compatible devices like laptops and smartphones.
- **4x USB-A Ports:** For standard USB device charging.
- **1x Wireless Charging Pad:** Located on top for convenient wireless charging.
- **1x Car Port (DC 12V):** For powering 12V devices.
- **2x DC5521 Ports:** Additional DC output options.
- **Solar/DC Input:** For charging the power station via solar panels or DC adapter.

15 Versatile Outlets

Power More Device For All Scenarios



5 × AC Outlets



2 × 100W Type-C



1 × Car Port



4 × USB-A



1 × Wireless Charger



2 × DC5521



Figure 2: The UDPOWER S1200 offers 15 versatile outlets, including AC, USB-C, USB-A, car port, wireless charger, and DC5521 ports.

SETUP

Before first use, it is recommended to fully charge the UDPOWER S1200.

1. **Unpack:** Carefully remove the power station and all accessories from the packaging.
2. **Initial Charge:** Connect the provided Fast Charging Cable to the AC input port and plug it into a wall outlet. The display will show the charging status.
3. **Power On:** Press and hold the main power button for a few seconds to turn on the unit. The display will illuminate.

CHARGING THE S1200

The UDPOWER S1200 supports multiple charging methods:

1. AC Wall Charging:

Use the included Fast Charging Cable. The unit supports 800W AC charging, allowing it to charge from 0-80% in approximately 1.5 hours.



Figure 3: The S1200 can be charged rapidly via a standard AC wall outlet.

2. Solar Panel Charging:

Connect compatible solar panels (Max 400W input) to the Solar/DC input port. The unit will automatically detect and begin charging from the solar panels. Optimal charging speed is achieved under direct sunlight.

Ultra Durable Power Extra Long-Lasting

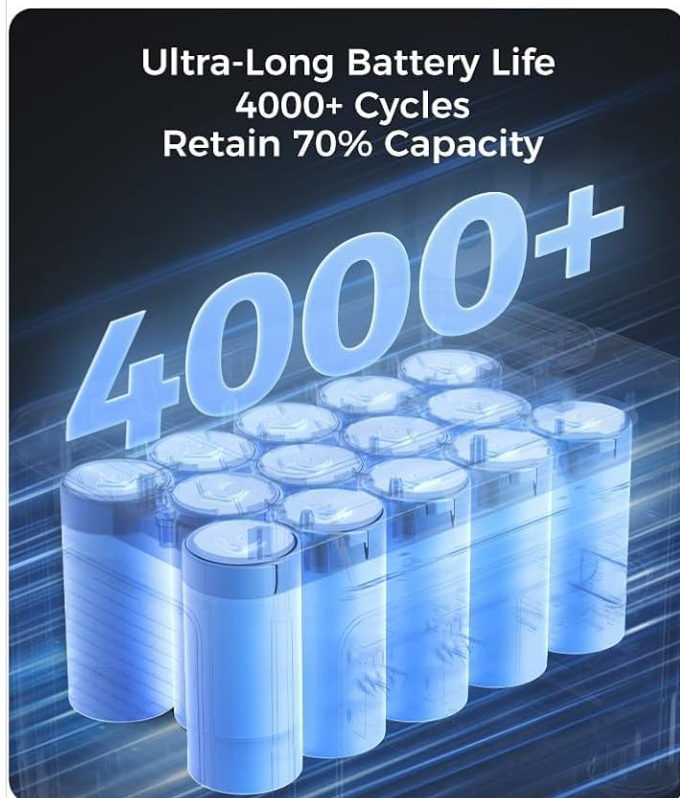


Figure 4: The S1200 can be charged using solar panels for off-grid power solutions.

3. Car Charging:

Use the provided Car Charging Cable to charge the S1200 from your vehicle's 12V cigarette lighter port.

OPERATING THE S1200

The S1200 provides various output options for your devices.

1. AC Output:

Press the AC power button to enable the AC outlets. Plug in your devices. The S1200 delivers 1200W continuous pure sine wave AC power, with an 1800W surge capacity, suitable for appliances like refrigerators (600W), CPAP machines (50W), and air fryers (1500W).

Power That Goes Further

1200W Output | UDTURBO Surge 1800W

Ready for Anything from Mini-Fridges to Power Tools

1800W



Figure 5: The S1200 can power a wide range of devices, from small electronics to larger appliances.

2. DC Output (USB, Car Port, DC5521):

Press the DC power button to enable the DC outputs. Connect your USB-C, USB-A, or 12V devices. The 100W USB-C PD ports offer rapid charging for compatible devices.

3. Wireless Charging:

Place your Qi-compatible device on the wireless charging pad located on top of the unit. Ensure the device is properly aligned for charging to begin.

4. UPS Functionality:

The S1200 features an Uninterruptible Power Supply (UPS) function with a switchover time of less than 0.01 seconds. When connected to a wall outlet and devices are plugged into the S1200's AC outlets, it can act as a backup power source, protecting your sensitive electronics from sudden power loss.

Charge Fast, Charge Smart

Power Ultra Fast or Optimized

Ultra Fast Charging



Optimized Charging (Battery Care)

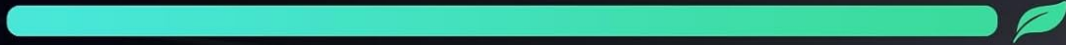


Figure 6: The S1200 provides seamless UPS backup, protecting connected devices during power outages.

MAINTENANCE

Proper maintenance ensures the longevity and performance of your UDPOWER S1200.

- **Battery Life:** The LiFePO4 battery is designed for over 4,000 charge cycles, retaining 80% capacity. This provides a significantly longer lifespan compared to other battery types.
- **Storage:** For long-term storage, charge the unit to 50-80% and store it in a cool, dry place. Recharge every 3-6 months to maintain battery health. The unit has a low idle loss of 0.3W, allowing for 12-month standby.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasives.
- **Temperature:** Avoid exposing the unit to extreme temperatures outside its operating range (-4°F to 140°F / -20°C to 60°C).

Where There's Solar There's Power

***2.8H Fully Charged**
Green & Fast Charging Solution



*Data based on UDPOWER 210W Solar Charging Kit*2(NOT INCLUDED).
Charging speed might has exist higher differ due to the air, solar, region condition.

Figure 7: The S1200 features a durable LiFePO4 battery with over 4000 cycles and a robust shell for enhanced protection.

TROUBLESHOOTING

If you encounter issues with your UDPOWER S1200, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit not turning on	Battery is completely drained; Power button not pressed long enough.	Charge the unit for at least 10 minutes. Press and hold the power button for 3-5 seconds.
No AC output	AC output not enabled; Overload protection activated; Device power exceeds 1200W.	Press the AC power button. Reduce the load. Check device wattage.

Problem	Possible Cause	Solution
No DC/USB output	DC output not enabled; Cable issue; Device not compatible.	Press the DC power button. Try a different cable or device.
Slow charging	Using a non-fast charging adapter; Solar input insufficient; High ambient temperature.	Ensure using the Fast Charging Cable. Optimize solar panel placement. Charge in a cooler environment.
Unit is noisy	Cooling fan operating under load.	This is normal operation. The S1200 features quiet cooling (<25dB). If noise is excessive, contact support.

If the problem persists after attempting these solutions, please contact UDPOWER customer support.

SPECIFICATIONS

Detailed technical specifications for the UDPOWER S1200 Portable Power Station:

Feature	Detail
Model Name	AS1200
Battery Type	LiFePO4
Capacity	1190Wh
AC Output (Rated)	1200W Pure Sine Wave
AC Output (Surge)	1800W
USB-C PD Output	2x 100W
USB-A Output	4x Ports
Wireless Charging	Yes
Car Port Output	1x 12V
DC5521 Output	2x Ports
AC Input (Charging)	800W (0-80% in 1.5H)
Solar Input (Max)	400W
UPS Switchover Time	<0.01s
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Dimensions (L x W x H)	13.7"L x 9.53"W x 9.72"H
Weight	25.8 Pounds
Certifications	UL2743, FCC

OFFICIAL PRODUCT VIDEO

Watch this official video from UDPOWER to see the S1200 Portable Power Station in action, demonstrating its use in various outdoor and indoor scenarios, including charging devices and providing backup power.

Your browser does not support the video tag.

Video: Portable Power for Camping: S1200 Solar Generator by UDPOWER.

WARRANTY AND SUPPORT

UDPOWER stands behind the quality of its products.

- **Warranty:** The UDPOWER S1200 Portable Power Station comes with a 5-year comprehensive warranty on the entire product line. Please refer to the warranty card included in your package for specific terms and conditions.
- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact UDPOWER customer support through the official website or your purchase platform.

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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

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

Answered questions about this manual

Can I run two UDPOWER S1200 Portable Power Stations in tandem to power a mobile home, and will I need additional solar panels?

Based on the UDPOWER S1200 (AS1200) manual and specifications, here is the information regarding your

setup:Tandem/Parallel Operation: The provided manual does not mention a "parallel" or "tandem" connection feature that allows two S1200 units...

[Read full answer](#)