AMPACE Ampace Andes 1500

AMPACE Andes 1500 Portable Power Station User Manual

Model: Ampace Andes 1500

Introduction

The AMPACE Andes 1500 Portable Power Station is a versatile and powerful energy solution designed for home backup, outdoor camping, RV use, and emergencies. Featuring a 1462Wh LiFePO4 battery and a 2400W AC output (3600W peak), it can power a wide range of appliances. Its rapid 55-minute full charge time and durable design ensure reliable performance for over a decade.

Safety Information

Please read all safety instructions carefully before operating the device. 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 heat sources, direct sunlight, and flammable materials.
- Ensure proper ventilation during use to prevent overheating.
- Do not expose the unit to water or excessive humidity.
- Keep out of reach of children and pets.
- Use only original or certified charging cables and accessories.

What's in the Box

Verify that all components are present upon unboxing:

- AMPACE Andes 1500 Portable Power Station
- AC Charging Cable
- Car Charging Cable
- Cable Bag
- User Manual (this document)

Product Overview

The Andes 1500 features a robust design with multiple input and output ports for various devices.



Figure 1: Front view of the AMPACE Andes 1500 Portable Power Station, showing the display, various USB and AC outlets, and the car socket.

Ports and Indicators:

- **Display Screen:** Shows battery status, input/output wattage, and remaining charge/discharge time.
- **USB-A Ports (x4):** 18W output each for charging mobile devices.
- **USB-C Ports (x2):** 100W output each for fast charging compatible devices.
- **AC Outlets (x4):** 2400W total output for household appliances.

- **DC5521 Ports (x2):** 120W output each for DC-powered devices.
- **Car Socket (x1):** 120W output for car appliances.
- **AC Input Port:** For charging the power station via wall outlet.
- **Solar Input Port:** For charging the power station via solar panels.

Setup

Initial Charging:

Before first use, it is recommended to fully charge the Andes 1500. The unit can be fully charged in approximately 55 minutes using the included AC charging cable when A-Boost charging is activated via the app.



Figure 2: The AMPACE Andes 1500 connected to a wall outlet for fast charging, highlighting its 55-minute full charge capability.

Connecting Solar Panels (Optional):

For off-grid charging, connect compatible solar panels (up to 3*200W) to the solar input port. A full recharge via solar can be achieved in as fast as 3 hours under optimal sunlight conditions.

Operating Instructions

Turning On/Off:

Press and hold the main power button to turn the unit on or off. The display screen will illuminate.

Using AC/DC/USB Outputs:

Once the unit is on, press the respective AC, DC, or USB button to activate those output ports. The corresponding indicator on the display will light up. Plug in your devices to the desired ports.



Figure 3: The AMPACE Andes 1500 providing power to a laptop and other devices during an outdoor activity, demonstrating its versatility.

Emergency Power Supply (EPS) Function:

The Andes 1500 features a rapid 20ms EPS switchover, providing uninterrupted power during outages. Connect essential devices to the AC outlets for automatic power transfer.

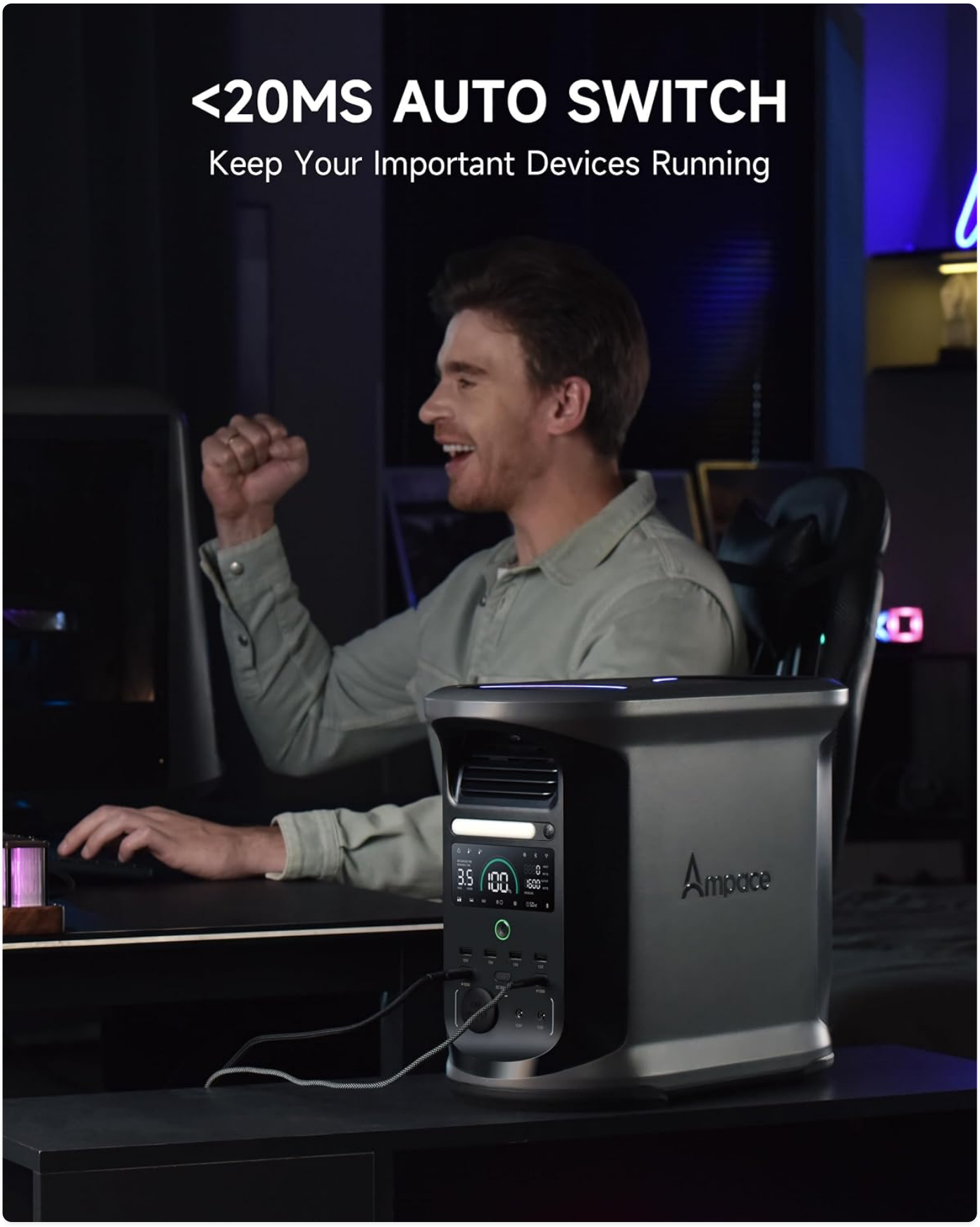


Figure 4: The AMPACE Andes 1500 providing power to a computer setup, illustrating its role as an emergency power supply with fast switchover.

App Control and Ambient Light:

Download the AMPACE app to monitor charging states, control outputs, and adjust the ambient light colors. The ambient light offers four modes: Breathing, Sparkling, Diffusing, and Single.



Figure 5: A smartphone screen showing the AMPACE app interface, demonstrating control over the power station's ambient light settings.

Official Product Videos:

Watch these official videos from AMPACE for more operational details and features:

Ampace Ready for any challenge, anytime

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This video showcases the AMPACE Andes 1500's readiness for various challenges, emphasizing its reliability and versatility in different scenarios.

Andes 1500 Portable Power Station

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A concise overview of the Andes 1500 Portable Power Station, highlighting its key features and benefits for users.

Ampace Andes Portable Power Station

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This video provides a general introduction to the Ampace Andes Portable Power Station series, showcasing its design and potential applications.

Andes 1500 Prower station_Fear vanishes in a blackout

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A short video demonstrating how the Andes 1500 can alleviate concerns during power outages, highlighting its reliability as a backup power source.

Ensures reliable power during emergencies and disasters.

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This video emphasizes the power station's role in providing reliable energy during critical situations like emergencies and natural disasters.

Maintenance

Battery Care:

- For optimal battery life, avoid completely draining the battery frequently.
- Recharge the unit at least once every 3-6 months if not in regular use to maintain battery health.
- The LiFePO4 battery is designed for over 6,000 charge cycles, offering a lifespan exceeding 10 years.

Cleaning and Storage:

- Wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- Operating temperature range: -4°F to 113°F (-20°C to 45°C).

Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely drained.	Connect to AC power and charge for at least 10 minutes before attempting to power on.
No output from AC/DC/USB ports.	Output ports not activated.	Press the corresponding AC, DC, or USB button to activate the output.
Overload warning on display.	Connected device exceeds rated output.	Disconnect the high-power device. Check the device's wattage and ensure it is within the Andes 1500's 2400W continuous output limit.
Slow charging speed.	A-Boost charging not activated or low solar input.	Ensure A-Boost is enabled in the app for fastest AC charging. For solar, ensure panels are in direct sunlight and properly connected.

Specifications

Feature	Detail
Model Name	Ampace Andes 1500 Portable Power Station
Battery Type	LiFePO4
Capacity	1462Wh
AC Output	2400W (Continuous), 3600W (Peak/Surge)
Fast Charging Time	55 minutes (to 100%)
Solar Charging Time	As fast as 3 hours (with 3*200W solar panels)
Lifespan	Over 6,000 charge cycles (>10 years)
Operating Temperature	-4°F to 113°F (-20°C to 45°C)
Weight	36.8 Pounds
Dimensions (L x W x H)	17.2" x 7.7" x 13.2"
Included Components	Power Station, AC Charging Cable, Car Charging Cable

Warranty and Support

AMPACE offers a comprehensive warranty for the Andes 1500 Portable Power Station. Please refer to the official AMPACE website or contact customer service for detailed warranty terms and conditions.
For customer service and technical support, please visit the AMPACE Store on Amazon or contact their support channels as listed in the product packaging.
The product is equipped with a durable LFP battery, maintaining over 80% of its original capacity even after 6,000 charge cycles, offering longevity exceeding 10 years. AMPACE also offers 5-year service support.

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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

Why is my AMPACE Andes 1500 display showing strange characters like 'LLL' and '8' in the charge and consumption sections?

Based on the AMPACE Andes 1500 manual, the display screen is designed to show battery status, input/output wattage, and remaining time. If the screen is displaying distorted characters like "LLL" or a constant "8"...

Read full answer

Why is my AMPACE Andes 1500 display showing strange characters like three 'L' shapes and an '8' in the charging and consumption sections?

The display of strange characters like "L" shapes or an "8" on your AMPACE Andes 1500 screen typically indicates a display segment error, a system glitch, or a specific warning state. Based on the...

Read full answer

How do I link the Ampace Andes 1500 to my mobile phone?

To link your Ampace Andes 1500 to your mobile phone, follow these steps:Download the App: Search for and download the AMPACE app from the Apple App Store or Google Play Store.Power On: Press and...

Read full answer

What are the steps to charge the AMPACE Andes 1500, and why is it cycling between charging and discharging modes?

To charge your AMPACE Andes 1500, simply connect the included AC charging cable to the AC input port on the unit and plug the other end into a standard wall outlet. Under normal conditions,...

Read full answer