

OUPES Exodus 1500

OUPES Exodus 1500 Solar Generator Kit User Manual

Model: Exodus 1500

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your OUPES Exodus 1500 Solar Generator Kit. This kit includes the Exodus 1500 portable power station and a 240W foldable solar panel, designed to provide reliable off-grid power for various applications.

Empower Your Devices Anytime, Anywhere

Capacity

1488Wh

Stable Output

1500W

Max Output

1700W

Peak Output

3600W



Image 1.1: The OUPES Exodus 1500 portable power station.

Please read this manual thoroughly before using the product and retain it for future reference.

Video 1.1: An overview of the OUPES Exodus 1500 Power Station's features and capabilities.

2. SAFETY INSTRUCTIONS

Observe the following safety precautions to prevent injury or damage to the product:

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from heat sources, direct sunlight, and flammable materials.
- Avoid exposure to water, rain, or high humidity.
- Use only original or certified accessories.
- Ensure proper ventilation during use and charging.
- Keep out of reach of children and pets.
- Dispose of the product according to local regulations.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 × OUPES Exodus 1500 Power Station
- 1 × 240W Foldable Solar Panel
- 1 × AC Charger
- 1 × Car Charging Cable
- 1 × User Manual (this document)

4. PRODUCT OVERVIEW

The OUPES Exodus 1500 features multiple output ports and a clear display for monitoring status.



OUPES empowers global adventures and safeguards households with premium portable power stations engineered for reliability, delivering solar-compatible energy at 10–30% lower cost backed by a 5-year warranty. Our direct manufacturing excellence ensures uninterrupted outdoor exploration and emergency resilience through rigorously tested solutions and dedicated local support worldwide.



**Certified
Peace of Mind**



**True Off-Grid
Freedom**



**Engineered
Longevity**

Image 4.1: Front panel and side view of the Exodus 1500, highlighting various input and output ports.

4.1. Ports and Controls

- **AC Output:** 3 x Pure Sine Wave 120V/1500W (Boost 1700W, Surge 3600W)
- **DC Output:** 2 x DC5521 (12V/10A), 1 x Car Lighter (12V/10A)
- **USB-C Output:** 2 x PD Fast Charging (140W Max per port)
- **USB-A Output:** 2 x QC3.0 Fast Charging (18W Max per port)
- **AC Input:** Up to 800W Max
- **Anderson Input:** Up to 480W Max (for solar charging)
- **Power Button:** To turn the unit on/off.
- **LCD Display:** Shows battery level, input/output power, and status indicators.

5. SETUP AND CHARGING

5.1. Initial Charging

Before first use, fully charge the Exodus 1500. It can be charged via AC wall outlet or solar panel.



Image 5.1: The Exodus 1500 can be recharged via AC or solar input.

- **AC Charging:** Connect the AC charger to the AC input port on the power station and then to a wall outlet. The unit charges from 0-100% within approximately 4 hours (0-80% in 2 hours).
- **Solar Charging:** Unfold the 240W solar panel and position it in direct sunlight. Connect the solar panel to the Anderson input port on the power station. Charging time with one 240W panel is approximately 8-13 hours.
- **Car Charging:** Use the provided car charging cable to charge the unit from your vehicle's 12V outlet.

5.2. Hybrid Charging

The Exodus 1500 supports hybrid charging, allowing you to charge via AC and solar simultaneously for faster recharge times.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

Press and hold the main POWER button for 3 seconds to turn the unit on or off. The LCD display will illuminate.

6.2. Using Output Ports

Once the unit is on, press the respective button (AC, DC, USB) to activate the desired output ports. The corresponding icon on the LCD display will light up.



Image 6.1: The Exodus 1500 can power a wide range of devices simultaneously.

- **AC Outlets:** Plug your AC devices into the 120V outlets. The unit provides 1500W continuous power, with a boost mode up to 1700W and surge capability of 3600W.
- **DC Outlets:** Use the DC5521 or car lighter port for 12V DC devices.
- **USB Ports:** Connect your USB-C (up to 140W PD) and USB-A (up to 18W QC3.0) compatible devices for fast charging.

6.3. Uninterruptible Power Supply (UPS) Function

The Exodus 1500 features an Uninterruptible Power Supply (UPS) function. When connected to an AC wall outlet and powering devices, it can automatically switch to battery power within $\leq 20\text{ms}$ during a power outage, protecting sensitive electronics like computers and CPAP machines.



Image 6.2: The UPS function ensures continuous power for critical devices during outages.

6.4. APP Smart Control

Download the OUPES app to monitor and control your Exodus 1500 remotely via Bluetooth or Wi-Fi. The app allows you

to check battery status, input/output power, and adjust settings like AC timeout and charging speed.



Image 6.3: The OUPES mobile app provides convenient remote monitoring and control.

7. MAINTENANCE AND STORAGE

7.1. General Maintenance

- Clean the unit with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- Regularly check ports for dust or debris and clean if necessary.
- Ensure ventilation openings are clear and unobstructed.

7.2. Storage

For optimal battery life and safety:

- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for extended periods, charge the unit to 50-80% every 3-6 months.
- Avoid storing in environments with high humidity.



Image 7.1: The compact design and integrated handles make the Exodus 1500 easy to transport.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not power on	Battery is depleted; Power button not pressed correctly	Charge the unit; Press and hold the power button for 3 seconds.
AC output not working	AC output not activated; Overload protection triggered	Press the AC button to activate; Reduce connected load; Restart unit.
Solar charging is slow or not working	Insufficient sunlight; Panel not connected properly; Panel dirty	Reposition panel for direct sunlight; Check connections; Clean panel surface.
App not connecting	Bluetooth/Wi-Fi off; App not updated; Unit too far	Ensure Bluetooth/Wi-Fi is enabled; Update app; Move closer to the unit.

If the problem persists, please contact OUPES customer support.

9. SPECIFICATIONS

9.1. Exodus 1500 Power Station

Feature	Specification
Model Name	Exodus 1500
Battery Capacity	1.4kWh (1488Wh)
Battery Type	LiFePO4 (3,500+ Life Cycles to 80%)
AC Output	3 x Pure sine wave 120V/1500W, Peak 3600W, Boost 1700W
DC Output	2 x DC5521 (12V/10A), 1 x Car Lighter (12V/10A)
USB-C Output	2 x PD Fast Charging, 140W Max per port
USB-A Output	2 x QC3.0 Fast Charging, 18W Max per port
AC Input	800W Max
Anderson Input (Solar)	480W Max
Charging Time (AC)	0-100% within 4 Hrs
Special Features	UPS (≤ 20 ms switchover), APP control, Built-in MPPT controller, Pass-through charging
Product Dimensions	14.1 x 10.7 x 10.9 inches (LxWxH)
Net Weight	30.5 lbs

9.2. 240W Solar Panel

Feature	Specification
Rated Power	240W
Conversion Efficiency	23.4%
Waterproof Level	IP67
Net Weight	Approx. 15.8 lbs (7.2KG)
Cable Length	16.4 ft



Image 9.1: The Exodus 1500 is rigorously tested and certified to global standards.

10. WARRANTY AND SUPPORT

10.1. Warranty Information

The OUPES Exodus 1500 Solar Generator Kit comes with a **3-Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10.2. Customer Support

For technical assistance, warranty claims, or any questions regarding your OUPES product, please contact our customer support team. Refer to the contact information provided on the official OUPES website or your purchase documentation.

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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 does the AC output on my OUPES Exodus 1500 occasionally disconnect without an alarm while in use, and how can I fix it?

If the AC output on your OUPES Exodus 1500 is disconnecting without a visible alarm, it is likely due to one of the following reasons: Overload Protection: Even if an alarm doesn't sound, the unit...

[Read full answer](#)

My OUPES Exodus 1500 works, but the cooling fan turns on every 5-10 seconds even when only using 50Wh. Is this normal behavior for a unit that is only 10 days old?

Frequent fan cycling on the OUPES Exodus 1500 can be caused by several factors, even at low power loads like 50W. While the manual does not specify the exact temperature thresholds for the fan,...

[Read full answer](#)

Why is my OUPES Exodus 1500 portable power station only charging up to 88%?

If your OUPES Exodus 1500 is stopping at 88% charge, it may be due to a calibration issue with the battery management system (BMS) or environmental factors. While the manual does not explicitly list...

[Read full answer](#)