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OUPES S024

OUPES Exodus 2400 Portable Power Station

INSTRUCTION MANUAL

Model: S024 | Brand: OUPES

Introduction

The OUPES Exodus 2400 Portable Power Station is a versatile and powerful energy solution designed for various scenarios, including home backup, camping, RV trips, and emergency power outages. With a 2400W AC output and a 2232Wh LiFePO4 battery, it provides reliable power for appliances, tools, and devices. This manual provides essential information for the safe and efficient operation and maintenance of your power station.



Figure 1: Front view of the OUPES Exodus 2400 Portable Power Station.

What's in the Box

Upon opening the box, you will find the following items:

- 1x OUPES Exodus 2400 Portable Power Station
- 1x Owner's Manual
- 1x AC Adapter (for wall outlet charging)
- 1x Anderson Port Adapter to Car Charger
- 1x Anderson Port to MC4 Connectors (for solar charging)

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Video 1: Unboxing and overview of included accessories (0:39 - 0:53).

Product Features and Overview

The OUPES Exodus 2400 is designed for robust performance and user convenience. It features a 2400W rated AC output (4500W peak) and a massive 2232Wh LiFePO4 battery, providing reliable power for extended periods. The unit is equipped with ergonomic handles for easy transport and efficient cross-ventilation for optimal performance.

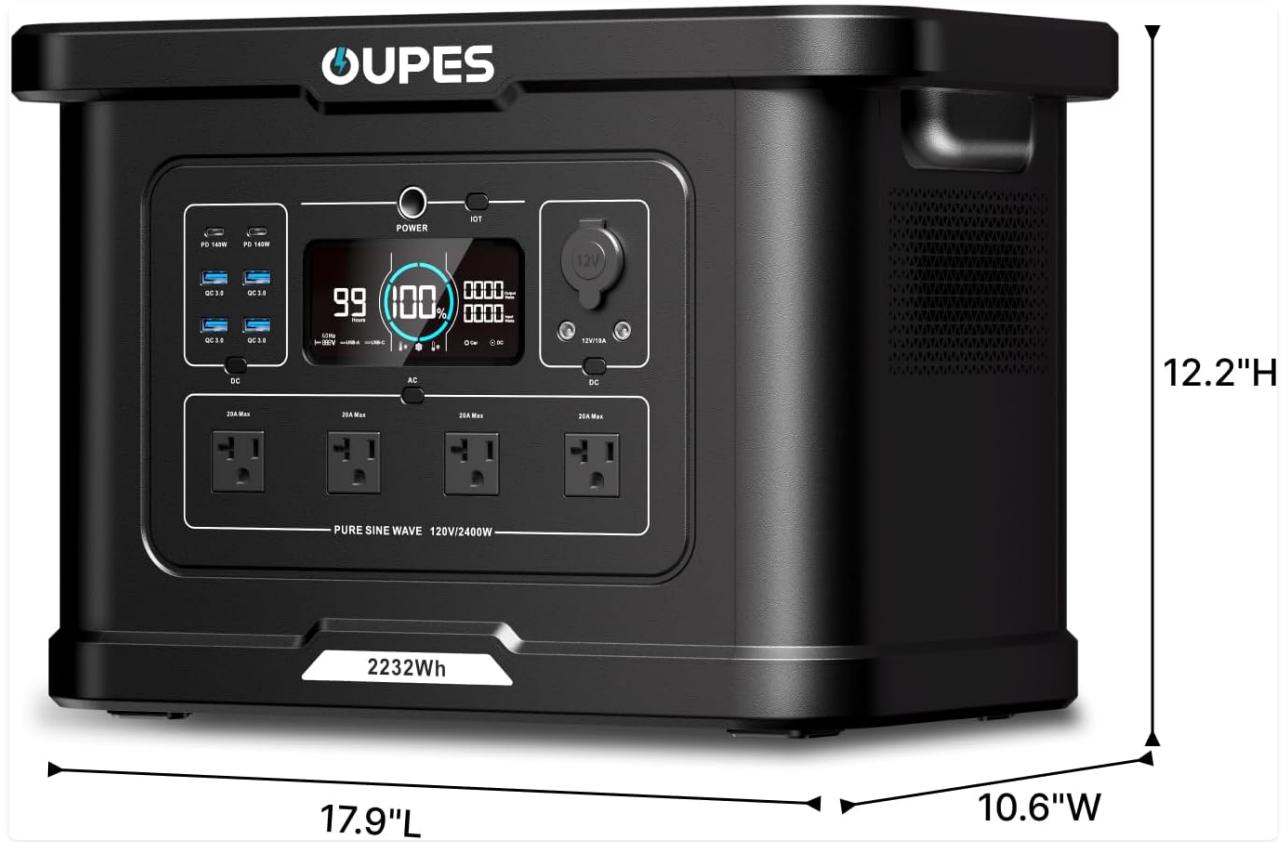


Figure 2: Dimensions of the OUPES Exodus 2400 Portable Power Station (17.9" L x 10.6" W x 12.2" H).

Ports and Controls

The front panel offers a variety of output options:

- 4x 120V AC outlets (20A Max)

- 2x 140W USB-C PD ports
- 4x 18W USB-A QC3.0 ports
- 1x 12V/10A cigarette lighter adapter
- 2x 12V/10A barrel plugs

The rear panel includes the AC input port, Anderson plug adapter for solar input, and a circuit breaker for overload protection.



Figure 3: Detailed view of the 13 versatile output ports.

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Video 2: Detailed look at the front panel ports and controls (2:00 - 2:24).

Smart Display and App Control

The power station features a smart display that provides real-time information on battery level, output watts, and remaining runtime. The integrated IoT button activates Bluetooth and Wi-Fi, allowing for remote monitoring and control via the OUPES APP. This enables scheduling charging, tracking solar input, and enabling Eco Mode.

Figure 4: Control your power anywhere with the OUPES app.

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Video 3: Demonstration of the display and IoT features (2:49 - 3:40).

Setup and Charging

The OUPES Exodus 2400 offers multiple flexible charging solutions:

- **AC Fast Charging:** Recharge 0-100% in 1.5 hours via 1400W AC fast charge.
- **Solar Charging:** Supports up to 800W solar input for eco-friendly off-grid power, ideal for camping and RV trips.

- **Car Charging:** Conveniently charge on the go using your vehicle's 12V outlet.
- **Hybrid Charging:** Combine AC + solar for even faster charging times.

Figure 5: Flexible charging solutions for any situation.

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Video 4: Demonstration of AC charging capabilities (4:01 - 4:35).

For solar charging, ensure your solar panels' voltage and wattage are within the specified limits (12-80V, 800W max PV input) to avoid damaging the unit. Always check the voltage with a multimeter before connecting.

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Video 5: Solar charging test and important voltage considerations (7:34 - 8:44).

Operating the Power Station

The OUPES Exodus 2400 is designed to power a wide range of devices. Its 2400W rated output (4500W peak) can handle most common appliances and tools. The smart UPS function provides seamless 20ms power transfer, protecting sensitive electronics during grid failures.

Performance Testing

The power station has been tested with various tools and appliances to demonstrate its capabilities:

- **Air Compressor:** Successfully powered a 3-gallon air compressor with ease.
- **Grinder:** Operated a grinder without issues, demonstrating its ability to handle tools with high starting loads.
- **Miter Saw:** Capable of running a miter saw, peaking at 1800W, indicating strong surge capacity.
- **Electric Heater:** Sustained an electric heater at 1500W, with a brief peak to 2000W, showcasing its consistent power delivery.

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Video 6: Demonstration of powering an air compressor (5:21 - 5:40).

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Video 7: Demonstration of powering a grinder (5:40 - 6:07).

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Video 8: Demonstration of powering a miter saw (6:07 - 6:37).

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Video 9: Demonstration of powering an electric heater (6:37 - 7:05).

Maintenance

To ensure the longevity and optimal performance of your OUPES Exodus 2400, regular maintenance is

recommended. Keep the unit clean and free from dust and debris. Ensure proper ventilation by not blocking the air vents. Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.

Troubleshooting

If you encounter any issues with your OUPES Exodus 2400, please refer to the following general troubleshooting tips:

- **No Power:** Ensure the power button is pressed firmly and the battery is charged. Check all connections.
- **Overload Protection:** If the unit shuts down due to overload, disconnect some devices and restart.
- **Charging Issues:** Verify that the charging cables are correctly connected and the power source is active. For solar charging, ensure panels are clean and receiving adequate sunlight.
- **Display Not Working:** Try restarting the unit. If the issue persists, contact customer support.

For more detailed troubleshooting or persistent issues, please contact OUPES customer support.

Specifications

Feature	Detail
Brand	OUPES
Model Name	Exodus 2400
Wattage	2400 watts
Voltage	120 Volts (AC)
Item Weight	45.2 Pounds
Product Dimensions	17.9" L x 10.6" W x 12.2" H
Power Source	Battery Powered
Special Feature	1400W AC fast charging (700W slow charging available), 800W MPPT solar charging, <20ms UPS, Smart APP control
Included Components	1x Exodus 2400 Portable Power Station
Color	Black

Warranty and Support

The OUPES Exodus 2400 Portable Power Station comes with a 5-year warranty, ensuring long-lasting reliability and peace of mind. For any product inquiries, technical support, or warranty claims, please contact OUPES customer service.

Additionally, protection plans are available for extended coverage:

- 3-Year Protection Plan
- 4-Year Protection Plan
- Complete Protect (monthly plan covering eligible purchases)