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OUPES Exodus 600 Plus

OUPES Exodus 600 Plus Portable Power Station & 100W Solar Panel User Manual

Model: Exodus 600 Plus

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1. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the OUPES Exodus 600 Plus portable power station. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit.
- Do not expose the unit to fire, direct sunlight, or high temperatures.
- Do not use or store the unit in a bathroom or in areas exposed to water or moisture.
- Keep the unit away from children and pets.
- Ensure proper ventilation during use and charging to prevent overheating.
- Use only original or certified charging cables and accessories.
- Avoid dropping or subjecting the unit to strong impacts.
- In case of abnormal operation, smoke, or unusual odors, immediately discontinue use and contact customer support.

2. PRODUCT OVERVIEW

The OUPES Exodus 600 Plus is a portable power station designed to provide reliable power for various applications, including outdoor camping, home backup, and emergency situations. It features a 512Wh LiFePO4 battery and delivers up to 600W of AC output.

2.1 Key Features

- **Capacity:** 512Wh LiFePO4 Battery
- **Output:** 600W AC (1200W Peak)

- **Weight:** Approximately 12.35 lbs (5.6 kg)
- **Ports:** 2x AC outlets, 1x USB-C (PD), 2x USB-A, 1x 12V DC port
- **Battery Management System (BMS):** Built-in for multi-protection against short-circuit, over-current, over-voltage, low-voltage, over-load, and over-heating.
- **Emergency Power Supply (EPS) Function:** Rapid response to power outages.

2.2 Product Components and Ports

Familiarize yourself with the various ports and components of your OUPES Exodus 600 Plus.



Image: Front view of the OUPES Exodus 600 Plus, highlighting the 2 AC outlets, 2 USB-A ports, 1 USB-C port, and 1 DC 12V port, capable of powering up to 6 devices simultaneously.

6-in-1 Power Solution Meets Your Every Need

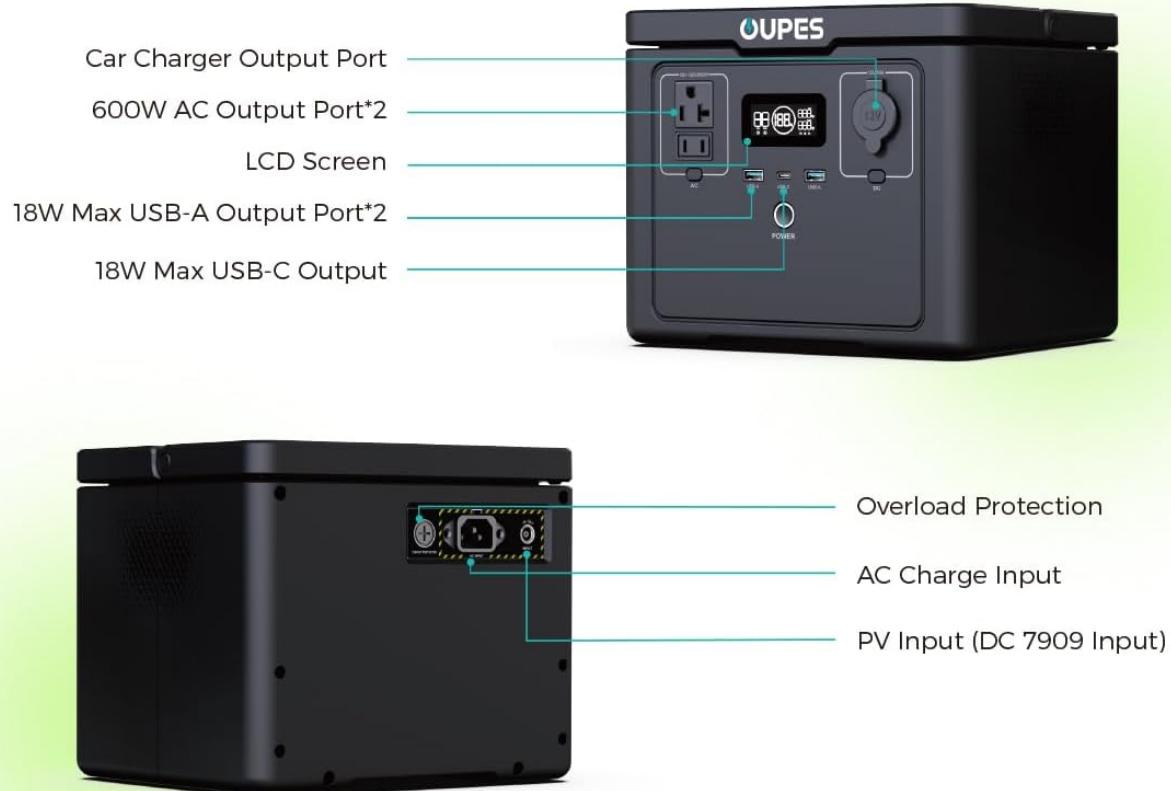
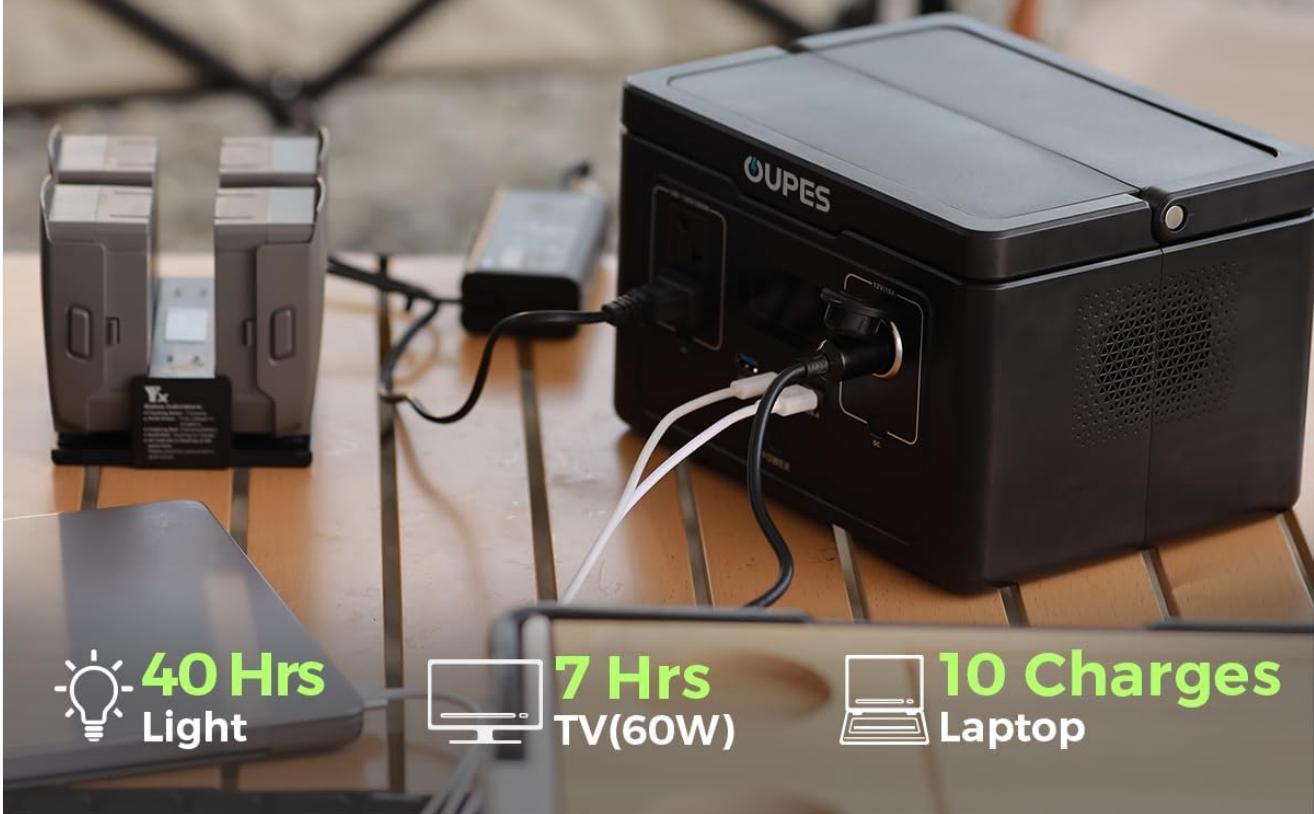


Image: Detailed diagram showing the location of the Car Charger Output Port, 600W AC Output Ports, LCD Screen, 18W Max USB-A Output Ports, 18W Max USB-C Output, Overload Protection, AC Charge Input, and PV Input (DC 7909 Input) on the OUPES Exodus 600 Plus.

Pint-sized Powerhouse

512Wh
Capacity

600W
Output Power



 **40 Hrs**
Light

 **7 Hrs**
TV(60W)

 **10 Charges**
Laptop

Image: The OUPES Exodus 600 Plus, a compact powerhouse with 512Wh capacity and 600W output, shown powering a laptop, drone batteries, and a small TV, demonstrating its versatility for various devices.

3. SETUP

3.1 Initial Charging

Before first use, fully charge your OUPES Exodus 600 Plus. This ensures optimal battery performance and calibration.

1. Connect the provided AC charging cable to the AC Charge Input port on the power station.
2. Plug the other end of the AC charging cable into a standard wall outlet.
3. The LCD screen will indicate charging status. Charge until the battery indicator shows 100%.

3.2 Connecting the Solar Panel (Optional)

The OUPES Exodus 600 Plus can be charged using the included 100W solar panel.

1. Unfold the 100W solar panel and place it in direct sunlight.
2. Connect the solar charging cable (7909 & MC4) to the solar panel's output.
3. Connect the other end of the solar charging cable to the PV Input (DC 7909 Input) port on the power station.
4. The LCD screen will display the solar charging input wattage.



Image: Illustration of the OUPES Exodus 600 Plus charging via AC (300W) in 2 hours to 80%, via PV (240W) in 2 hours to 80%, and combined AC+PV (540W) in 59 minutes to 80%, demonstrating fast charging capabilities.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- To power on the unit, press and hold the 'POWER' button for 3 seconds. The LCD screen will illuminate.
- To power off the unit, press and hold the 'POWER' button for 3 seconds again.

4.2 Using AC Outlets

1. Ensure the power station is turned on.
2. Press the 'AC' button to activate the AC outlets. The AC indicator on the LCD screen will light up.
3. Plug your AC-powered devices into the AC outlets.
4. To turn off AC output, press the 'AC' button again.

4.3 Using DC and USB Ports

1. Ensure the power station is turned on.
2. The DC and USB ports are typically active when the unit is on. Refer to the manual for specific model behavior.
3. Plug your USB or 12V DC devices into the respective ports.

4.4 Emergency Power Supply (EPS) Function

The OUPES Exodus 600 Plus features an EPS function, allowing it to switch to battery power within 20 milliseconds during a power outage, providing uninterrupted power to connected devices.

Your browser does not support the video tag.

Video: An official OUPES video demonstrating the features and portability of the Exodus 600 power station, including its various ports, charging capabilities, and use in outdoor settings. It highlights the unit's compact size and ability to power multiple devices.

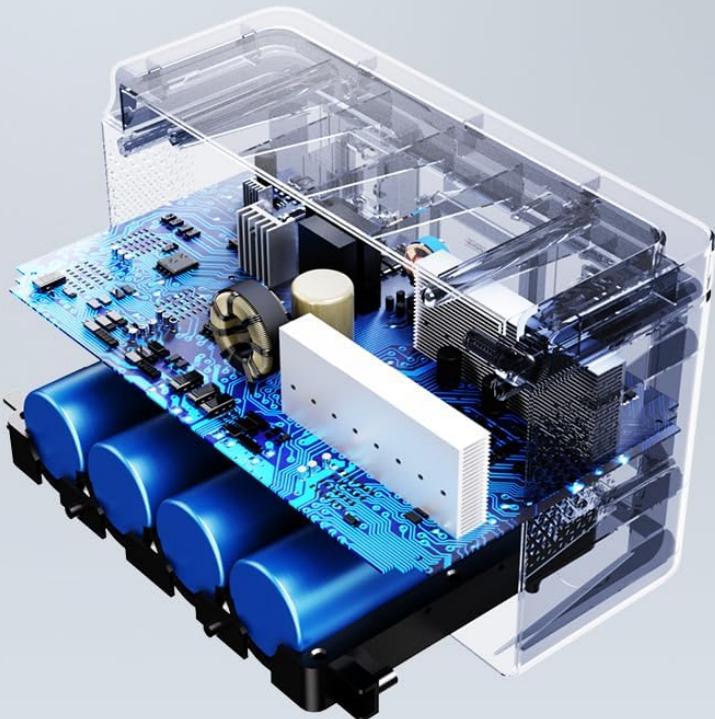
5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your OUPES Exodus 600 Plus.

- **Regular Recharging:** If the power station is not in use, recharge it every 3 months to maintain battery health.
- **Storage Conditions:** Store the unit in a dry, well-ventilated area with a temperature range of 14°F to 113°F (-10°C to 45°C). Avoid extreme temperatures.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use harsh chemicals or abrasive materials.
- **Battery Health:** The LiFePO4 battery is designed for 3500+ cycles to 80% capacity.

An Advanced BMS

A battery that lasts for years on end



3500+ cycles

Image: An internal view illustrating the advanced Battery Management System (BMS) and LiFePO4 battery cells of the OUPES Exodus 600 Plus, emphasizing its durability with 3500+ cycles.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your OUPES Exodus 600 Plus.

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is depleted.	Charge the unit using the AC adapter or solar panel.
AC output not working.	AC output not activated or overloaded.	Press the 'AC' button to activate. Reduce the load if overloaded. Check device wattage.

Problem	Possible Cause	Solution
Unit goes into sleep mode / shuts off with low power devices.	Automatic power-saving feature for low power draw.	This model may have an automatic shutdown feature for very low power devices to conserve energy. For continuous power to low-draw devices, ensure the total output exceeds the minimum threshold to keep the unit active. Consider using devices with higher power consumption or contact OUPES support for specific thresholds.
Charging is slow or not working.	Incorrect charger, poor solar panel placement, or high temperature.	Ensure you are using the correct charger. For solar charging, ensure the panel is in direct sunlight and free from obstructions. Move the unit to a cooler environment if overheating.
LCD screen shows an error code.	Internal fault or protection activated.	Note the error code and refer to the full user manual or contact OUPES customer service for assistance.

7. SPECIFICATIONS

Detailed technical specifications for the OUPES Exodus 600 Plus portable power station.

Feature	Specification
Brand	OUPES
Model Name	Exodus 600 Plus
Battery Type	LiFePO4
Wattage (Capacity)	512 Watt-hours
Output Wattage (AC)	600 Watts (1200W Peak)
Voltage (AC)	110 Volts
Item Weight	12.35 Pounds (5.6 kg)
Product Dimensions	9.45" L x 7.28" W x 7.7" H
Total Power Outlets	6 (2x AC, 1x USB-C, 2x USB-A, 1x 12V DC)
Special Features	Easy to Install, Electric Brake, LiFePO4 Rechargeable Battery, MPPT, BMS System, EPS Rapid Response
Included Components	Exodus 600w Plus power station, 100W Solar Panel & 7909 & MC4 Charging Cable, AC Charger, 3 Fuse 10A, Warranty Card & User Manual

Feature	Specification
Cycle Life	3500+ cycles to 80% capacity

8. WARRANTY & SUPPORT

OUPES provides comprehensive support for your Exodus 600 Plus portable power station.

8.1 Warranty Information

The OUPES Exodus 600 Plus comes with a **36-month 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.

8.2 Customer Support

For any questions, technical assistance, or warranty claims, please contact OUPES customer service. Our friendly customer service team is available to help you.

- Refer to the contact information provided in your warranty card or on the official OUPES website.
- When contacting support, please have your product model (Exodus 600 Plus) and purchase date available.