

OUPES S3

OUPES Mega 3 3600W Portable Power Station User Manual

Model: S3

Brand: OUPES

INTRODUCTION

The OUPES Mega 3 Portable Power Station, combined with the 2048Wh B2 Extra Battery, provides a robust and expandable power solution for various applications, from home backup to outdoor adventures. This system features a 3600W output, 5120Wh total capacity (with B2 battery), and utilizes durable LiFePO4 battery technology. It is designed for fast recharging and smart control via a dedicated mobile application.



Image: The OUPES Mega 3 Portable Power Station shown alongside its B2 Extra Battery, highlighting the core components of the system.

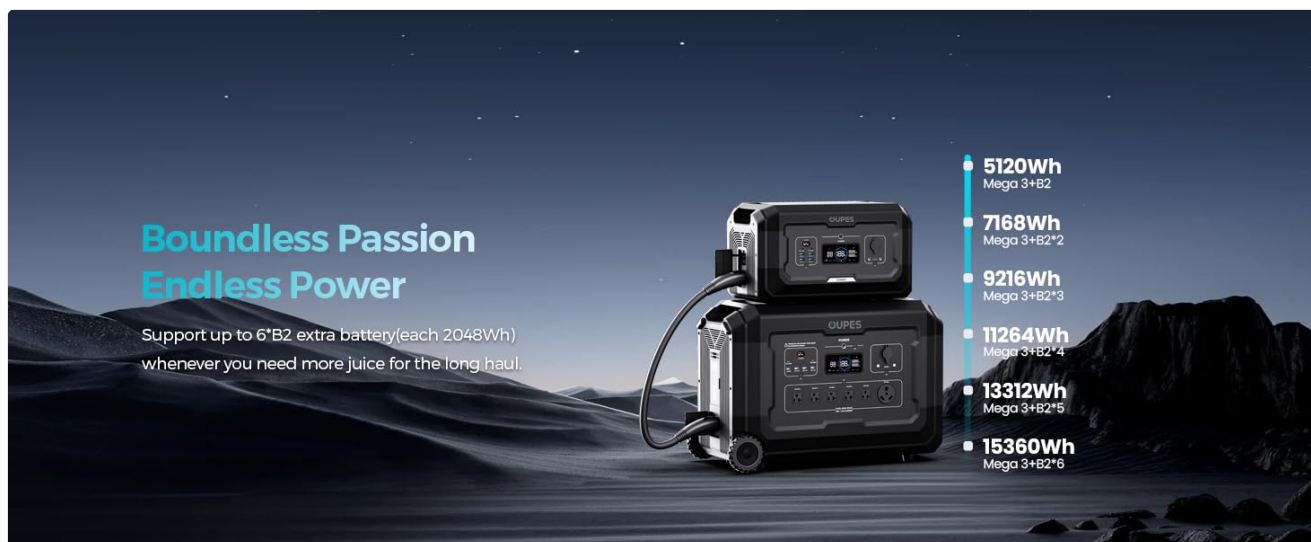


Image: An overview of the OUPES Mega 3's key features, including 3600W rated power, 3072Wh capacity, 0.8-hour charging time, RV/EV compatibility, portability, LiFePO4 battery, and smart app control.

SETUP

Package Contents

Before beginning, ensure all components are present in the package:

- 1x OUPES MEGA 3 3600W Power Station
- 1x B2 Extra Battery
- 1x AC Charging Cable
- 1x Anderson to Anderson Cable
- 1x 7909 to Anderson Charging Cable
- 1x Car to Anderson Charging Cable
- 1x MC4 to Anderson Charging Cable
- 1x User Manual
- 1x Warranty Card

Initial Charging

It is recommended to fully charge the OUPES Mega 3 before first use. The unit supports multiple charging methods:

- **AC Wall Outlet (1800W):** Fully recharges in approximately 1.8 hours.
- **Solar Charging (up to 2100W):** Fully recharges in approximately 2.5 hours with optimal solar input.
- **AC + Solar Dual Charging (up to 3900W):** Achieves full charge in approximately 0.8 hours.

FULLY CHARGE IN 0.8 HRS

Mega 3

0.8 Hrs

⚡ 53% Faster

Other

1.7 Hrs



Image: A visual comparison demonstrating the OUPES Mega 3's rapid charging capability, achieving full charge in 0.8 hours with AC + Solar Dual Charging, which is 53% faster than typical alternatives.



Image: A person connecting the OUPES Mega 3 to a wall outlet for fast AC charging, illustrating the ease of recharging the unit at home.

How to Connect Multiple Panels in Series

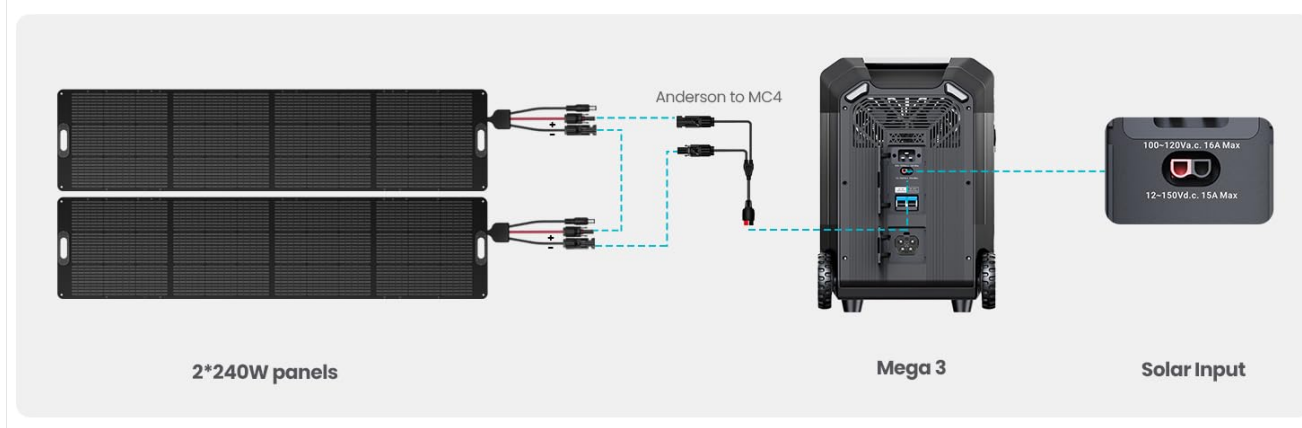


Image: The OUPES Mega 3 power station being charged by solar panels in an outdoor, natural environment, demonstrating its solar input capability.

Connecting the B2 Extra Battery

The B2 Extra Battery expands the total capacity of the Mega 3. Connect the B2 battery to the Mega 3 using the provided connection cable. Ensure a secure connection for optimal performance and capacity expansion.

Expandable Capacity

From 3.07kWh to 15.36kWh



Image: A visual representation of the OUPES Mega 3's expandable capacity, showing how additional B2 batteries can increase the total energy storage from 3.07kWh up to 15.36kWh.

Stable LiFePO₄ Battery

Mega 3 uses EV-grade LiFePO₄ battery, which can be used for 3500+ cycles at 80% depth of discharge. Combined with OUPES' advanced battery management system, the Mega 3 is incredibly safe and durable.

LFP Battery Charge Cycles

3500 Times

Maintain good health for at least

10 Years

Image: The OUPES Mega 3 power station with a B2 extra battery stacked on top and connected, illustrating the modular design for increased power capacity.

OPERATION

Understanding the Outlets

The OUPES Mega 3 offers 16 versatile outlets to power a wide range of devices:

- 5x AC Outlets (120V/3600W)
- 1x Car Output (12V/10A)
- 2x USB-A Outputs (QC 3.0)
- 1x AC TT-30 Output (120V/3600W)
- 2x USB-C Outputs (PD 100W)
- 1x Anderson Port (12V/50A)
- 2x DC Ports (2.5mm, 12V/10A)

16 Versatile outlets

5
AC
OUTLETS

1
CAR
OUTPUT

2
USB-A
OUTPUTS

1
AC TT-30
OUTPUT

2
USB-C
OUTPUTS

1
ANDERSON
PORT

2
DC
PORTS



Image: The OUPES Mega 3 power station in an outdoor setting, highlighting its array of 16 versatile outlets, including AC, USB-A, USB-C, Car, TT-30, Anderson, and DC ports.


Laptop
(60Wh)
43Charges


Projector
(65W)
37.8Hrs


Kettle
(700W)
3.5Hrs


Ice Maker
(500W)
4.9Hrs


Air Fryer
(1000W)
2.4Hrs











Image: A detailed diagram illustrating the various input and output ports on the OUPES Mega 3 power station, including AC charge port, PV (Anderson) input, overload protection switch, extra battery port, and all output types.

Powering Appliances

The Mega 3 can power a wide range of household and outdoor appliances simultaneously. Its 3600W output is suitable for high-demand devices such as coffee machines, kettles, refrigerators, hairdryers, and air conditioners.

Power Almost Everything

Power multiple high-demand appliances simultaneously in a single unit.

 Microwave (1300W) 1.9 Hrs	 Washer (1500W) 1.7 Hrs	 Hair Dryer (1500W) 1.7 Hrs	 Heater (2000W) 1.2 Hrs
 Coffee Maker (2000W) 1.2 Hrs	 Upright Freezer (400W) 5.8 Hrs	 Air Conditioner (1500W) 1.7 Hrs	 Lawn Mower (1300W) 1.9 Hrs




Image: A graphic illustrating the OUPES Mega 3's capability to power various household appliances, including microwave, washer, hair dryer, heater, coffee maker, upright freezer, air conditioner, and lawn mower, with estimated run times.

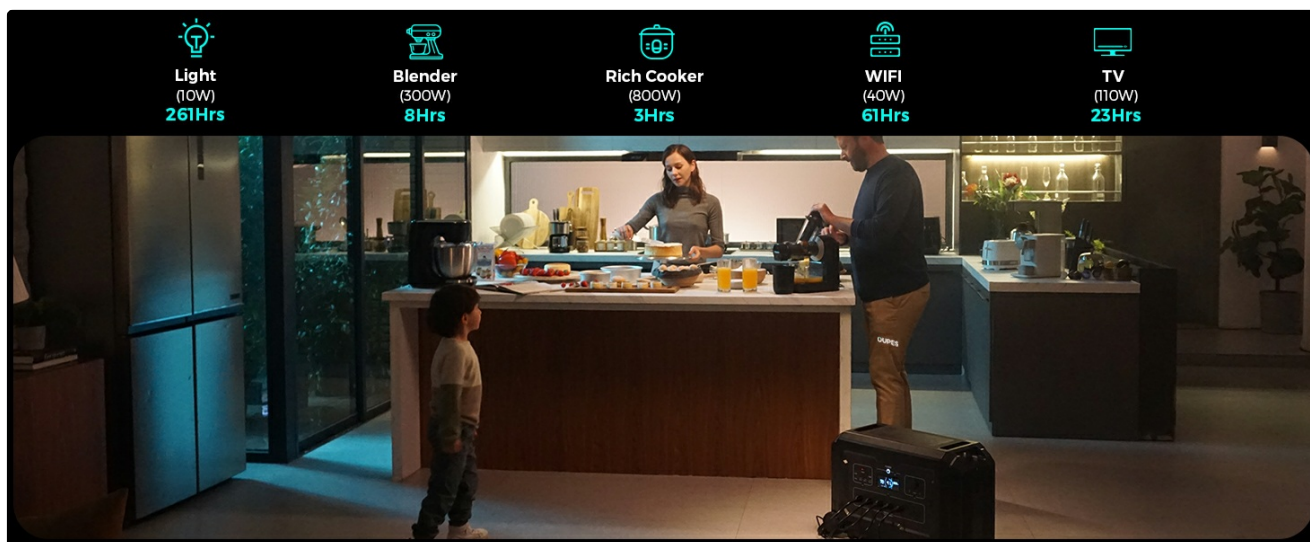


Image: The OUPES Mega 3 power station being used to power a laptop, projector, kettle, ice maker, and air fryer during a camping trip, demonstrating its utility for outdoor activities.



Image: The OUPES Mega 3 power station providing power to a light, blender, rice cooker, WiFi router, and TV in a home kitchen setting, showcasing its use as a home backup solution.



Image: The OUPES Mega 3 power station being used to power electric drills, cutting machines, electric hammers, lawn mowers, and air pumps in an outdoor work environment, demonstrating its utility for power tools.

Smart App Control

Monitor and control your OUPES Mega 3 using the dedicated OUPES app via Wi-Fi or Bluetooth. The app allows you to check real-time status, including remaining battery level, estimated running time, and input/output wattages, and customize settings as needed.

Monitor & Operate Anytime

Check the real time of power via Smart App

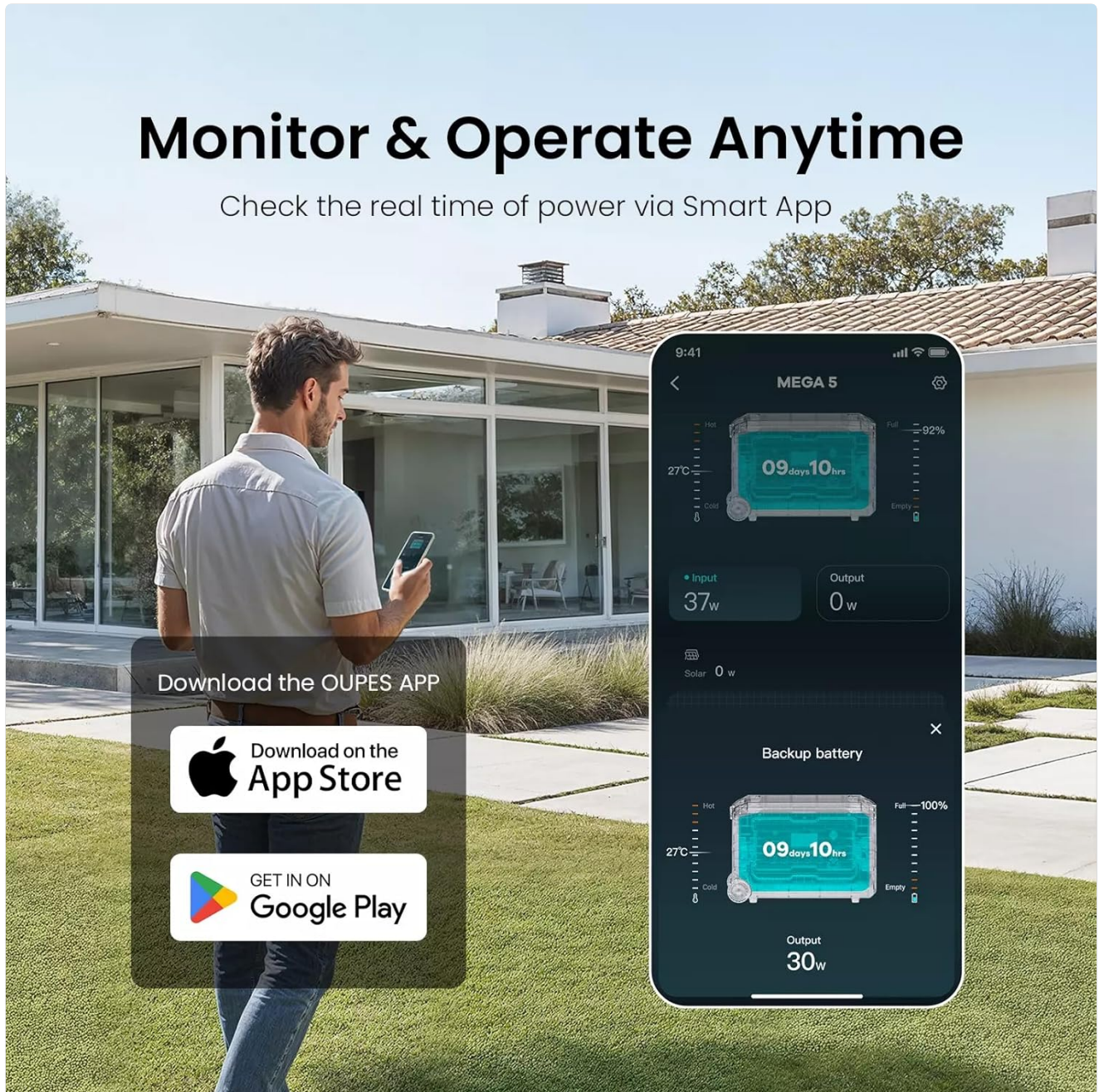


Image: A person using the OUPES mobile app to monitor the power station's status, with screenshots of the app interface showing battery level, estimated running time, and input/output details.



Image: Screenshots of the OUPES mobile application interface, demonstrating its capabilities for connecting via Wi-Fi or Bluetooth, adding equipment, and monitoring real-time power status and backup battery information.

Uninterruptible Power Supply (UPS) Function

The Mega 3 can function as an Uninterruptible Power Supply (UPS), automatically switching to battery power within 20ms in the event of a power outage, ensuring your connected devices remain powered without interruption.

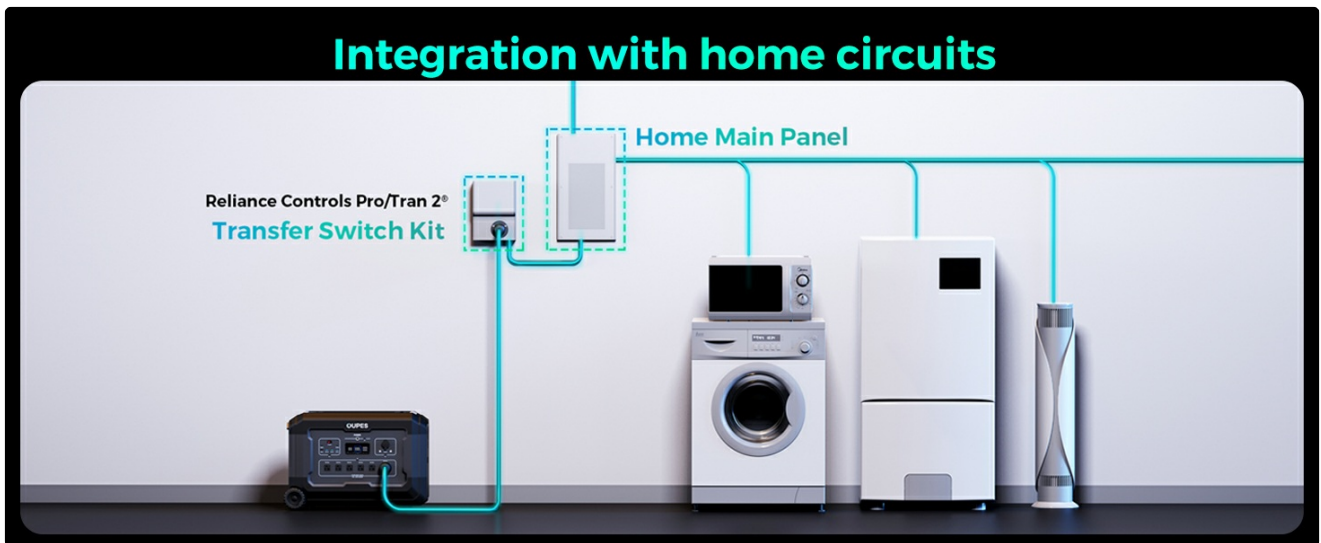


Image: The OUPES Mega 3 power station connected to a desktop computer setup, illustrating its ability to provide uninterrupted power during outages by automatically switching to battery mode within 20ms.

Integration with Home Circuits

For more comprehensive home backup, the OUPES Mega 3 can be integrated with your home's electrical circuits using a Reliance Controls Pro/Tran 2 Transfer Switch Kit (sold separately). This allows you to power essential home appliances directly from the power station during outages.

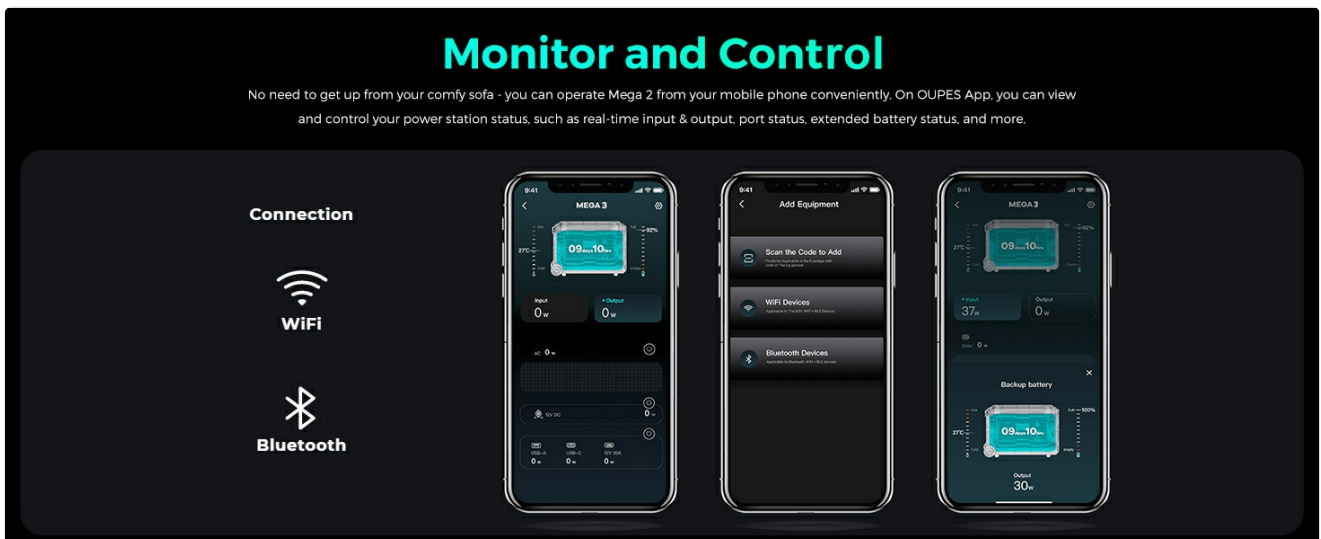


Image: A diagram showing how the OUPES Mega 3 can be integrated with a home's main electrical panel via a transfer switch kit to provide backup power to household appliances like a microwave, washing machine, and refrigerator.

MAINTENANCE

Battery Care

The OUPES Mega 3 uses an EV-grade LiFePO4 battery, known for its longevity and safety. To maximize battery lifespan:

- Avoid extreme temperatures. Store the unit in a cool, dry place.

- For long-term storage, discharge the battery to about 50% and recharge every 3-6 months.
- The LiFePO4 battery is rated for 3500+ cycles at 80% depth of discharge, designed to maintain good health for at least 10 years with proper care.

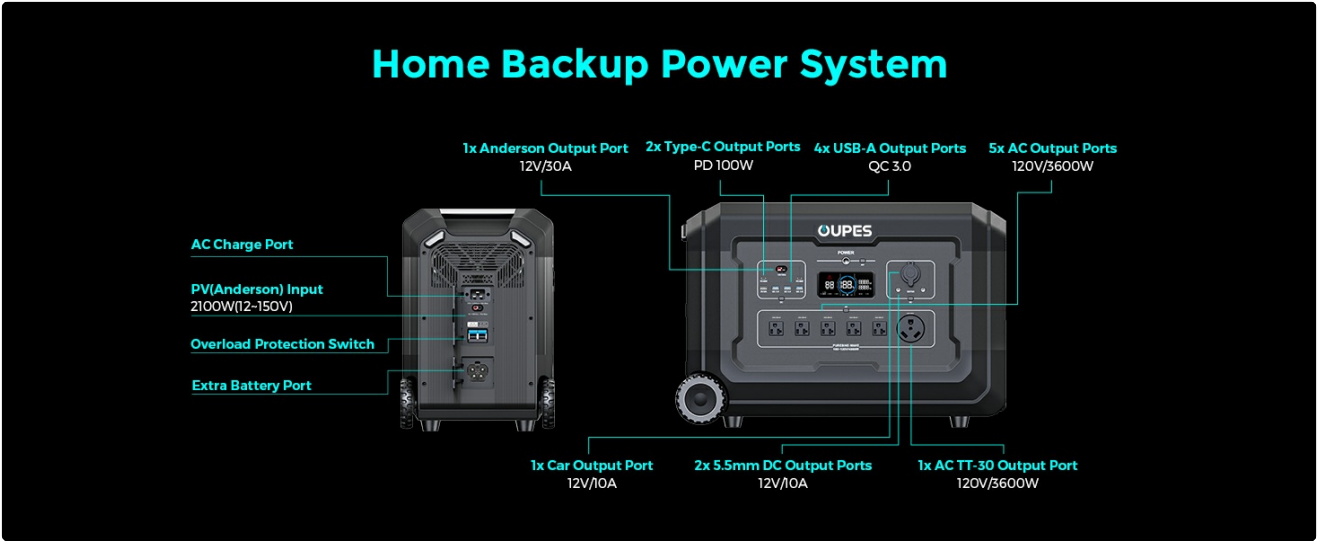


Image: A visual representation of the stable LiFePO4 battery technology used in the OUPES Mega 3, highlighting its 3500+ charge cycles and expected lifespan of at least 10 years.

Cleaning and Storage

Keep the unit clean and free from dust and debris. Use a dry, soft cloth for cleaning. Ensure all ports are free from obstructions. When not in use, store the power station in a secure location away from direct sunlight and moisture.

TROUBLESHOOTING

This section addresses common issues you might encounter with your OUPES Mega 3 Power Station. For more detailed troubleshooting or issues not listed here, please refer to the full user manual or contact customer support.

- **Unit Not Turning On:** Ensure the power button is pressed and held for a few seconds. Check if the battery is completely depleted and try connecting to an AC power source.
- **No Output from Ports:** Verify that the specific output (AC, DC, USB) is enabled on the unit. Check the display for any error codes. Ensure the connected device's power consumption does not exceed the port's or the unit's maximum output.
- **Slow Charging:** Confirm that the charging cable is securely connected. If using solar, ensure panels are in direct sunlight and free from obstructions. Check the solar input voltage and current on the display to ensure it's within the specified range.
- **App Connectivity Issues:** Ensure Bluetooth and/or Wi-Fi are enabled on your mobile device. Try restarting the OUPES app and the power station. Ensure the power station is within range of your Wi-Fi network or Bluetooth connection.
- **Overload Protection Activated:** If the unit shuts down or an overload warning appears, disconnect some devices. The unit's output capacity has been exceeded. Restart the unit after reducing the load.

SPECIFICATIONS

Feature	Specification
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Feature	Specification
Brand	OUPES
Model Name	S3
Wattage (Unit)	3072 Watt-hours
Wattage (with B2 Battery)	5120 Watt-hours
Output Wattage (Running)	3600 Watts
Output Wattage (Starting)	3600 Watts
Voltage	120 Volts (AC)
Fuel Type	Electric
Power Source	Battery Powered
Item Weight	88 Pounds
Product Dimensions	25.2"L x 11.9"W x 17.2"H
Total Power Outlets	13 (Note: Marketing states 16, likely including specific port types)
Battery Type	LiFePO4
Battery Cycles	3500+ cycles (to 80% DoD)
Charging Time (AC + Solar 3900W)	0.8 Hours
Max Solar Input	2100W
Special Features	Electric Start, Portable, USB Port, UPS Function

WARRANTY & SUPPORT

Warranty Information

The OUPES Mega 3 Portable Power Station comes with a **3-Year Warranty**. OUPES offers a 5-year premium warranty, which is longer than the industry standard of 1-2 years, providing extended protection for your investment.



Image: A graphic highlighting OUPES's 5-Year Premium Warranty, emphasizing it as 5X longer protection compared to the industry standard of 1-2 years.

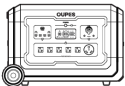

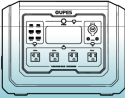
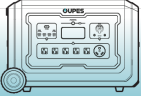
Customer Support

For any questions, technical assistance, or warranty claims, please contact OUPES customer support. Refer to the contact information provided in your product packaging or visit the official OUPES website for support resources.

OUPES also offers a 30-day easy return policy for eligible purchases.

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Related Documents

<div><div>OUPES</div><div>3600W PORTABLE POWER STATION</div><div></div><div>MEGA 3</div><div>User Manual</div></div>	<p>OUPES Mega 3 Portable Power Station User Manual 3600W 3072Wh</p> <p>Comprehensive user manual for the OUPES Mega 3 Home Backup & Portable Power Station. Learn how to safely operate, charge, and maintain your 3600W, 3072Wh power station for reliable backup power.</p>
<div><div>OUPES</div><div>SMART EXTRA BATTERY</div><div></div><div>2048Wh</div><div>User Manual</div></div>	<p>OUPES OPS-S2-BAT Portable Power Station User Manual</p> <p>Comprehensive user manual for the OUPES OPS-S2-BAT portable power station, detailing setup, operation, safety, and maintenance for reliable backup power.</p>
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