OUPES Mega 3

OUPES Mega 3 Portable Power Station Instruction Manual

Model: Mega 3

1. Product Overview

The OUPES Mega 3 is a powerful and versatile portable power station designed to provide reliable electricity for various applications, from home emergency backup to RV adventures and off-grid living. Featuring a 3072Wh LiFePO4 battery and 3600W output, it offers fast charging, smart app control, and expandable capacity.

Key Features:

- **Portable RV Power:** Provides quiet, green, and maintenance-free power for RVs and camping accessories.
- **0.8H Fast Charging:** Recharges fully in 0.8 hours with 3900W Max input (AC + Solar).
- **Smart App Control:** Monitor real-time status and customize settings via Wi-Fi or Bluetooth.
- **3600W Output:** Powers high-demand appliances like coffee machines, refrigerators, and air conditioners.
- **Expandable Capacity:** Can expand from 3072Wh up to 15.36kWh with additional B2 batteries.
- **LiFePO4 Battery:** Offers 3500+ charge cycles for long-term durability.



Figure 1: OUPES Mega 3 Portable Power Station.

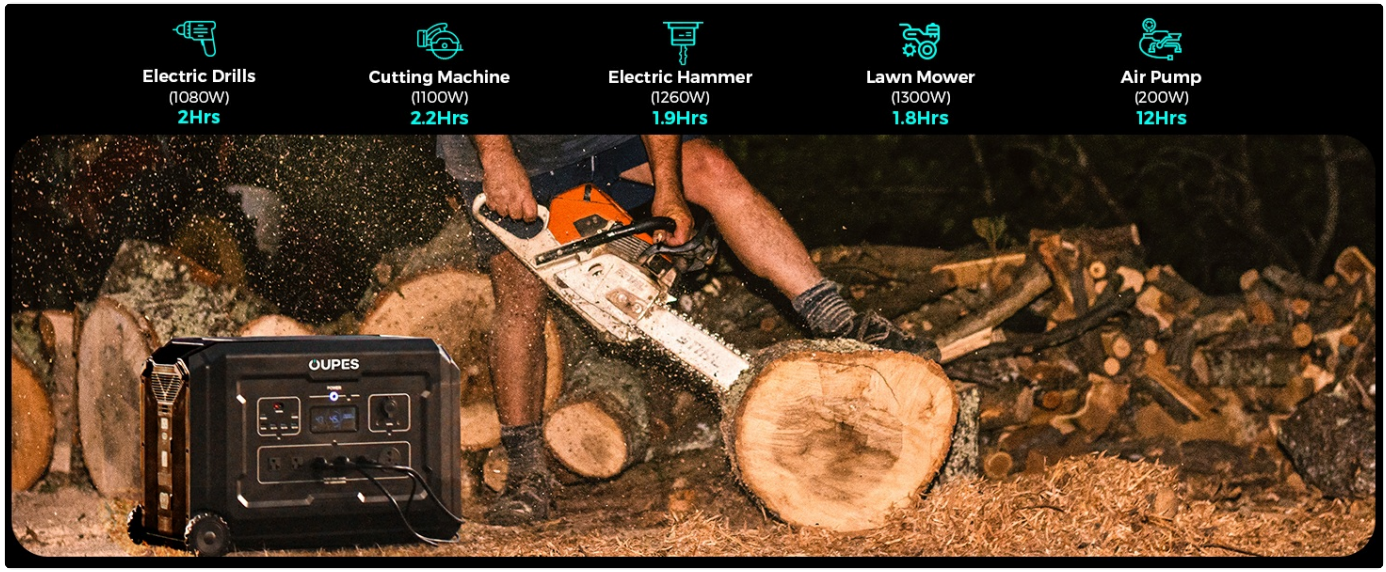


Figure 2: Diagram illustrating the OUPES Mega 3 as a home backup power system.

2. Package Contents

The OUPES Mega series package includes the following items:

- 1x OUPES MEGA 3 3600W Power Station
- 1x B2 Battery
- 6x 240W Solar Panels and connecting cables
- 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

3. Setup

3.1 Unboxing and Initial Inspection

Upon receiving your OUPES Mega 3, carefully unbox the unit and inspect all components for any signs of damage. The power station is equipped with wheels and an extendable handle for easy transport.

Video 1: Unboxing the OUPES Mega 3 Power Station. This video demonstrates the unboxing process and highlights the unit's portability features like wheels and handle.

3.2 Initial Charging

Before first use, fully charge your OUPES Mega 3. The unit can be charged via AC wall outlets or solar panels. For fastest charging, combine AC and solar input.

- **AC Charging:** Connect the provided AC charging cable to the AC Charge Port on the unit and a standard wall outlet. The Mega 3 can fully recharge in approximately 1.8 hours with 1800W wall outlets.
- **Combined AC+Solar Charging:** Achieve a full charge in as little as 0.8 hours with a maximum input of 3900W.

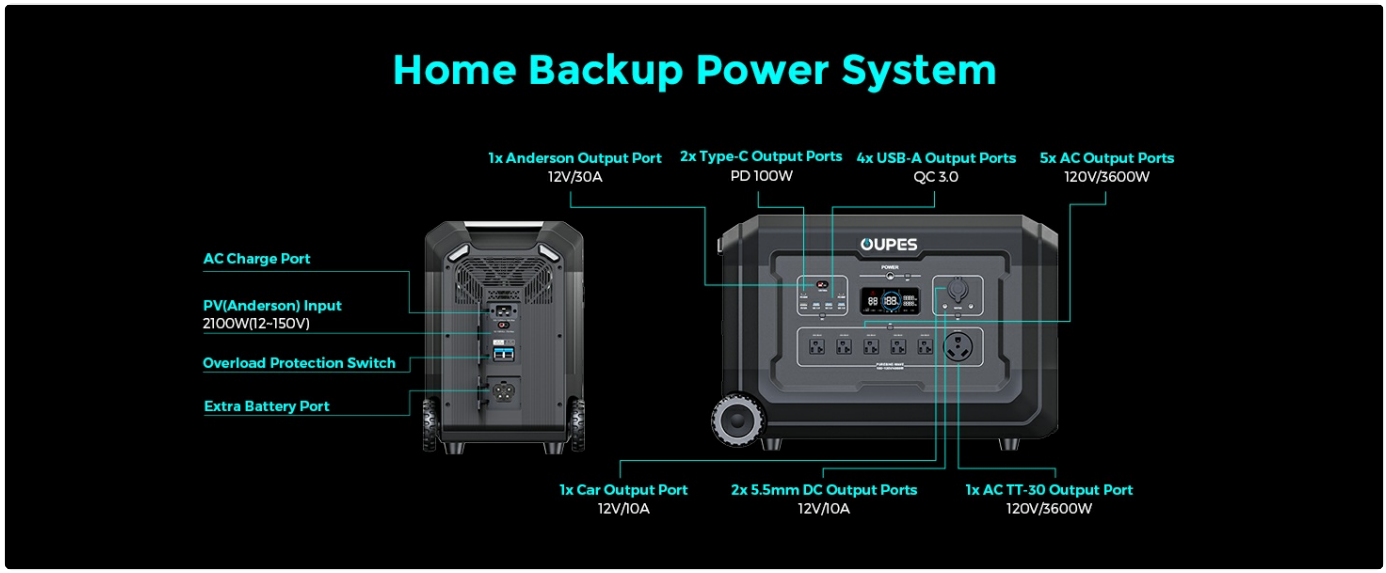


Figure 3: Illustrates the fast AC charging process for the OUPES Mega 3.

3.3 Solar Panel Connection

The OUPES Mega 3 supports solar charging with up to 2100W input, allowing a full charge in 2.5 hours with optimal sunlight and panels. Ensure all circuit breakers are turned on when using the power station.



Figure 4: Demonstrates the 2100W maximum solar input capability of the OUPES Mega 3.

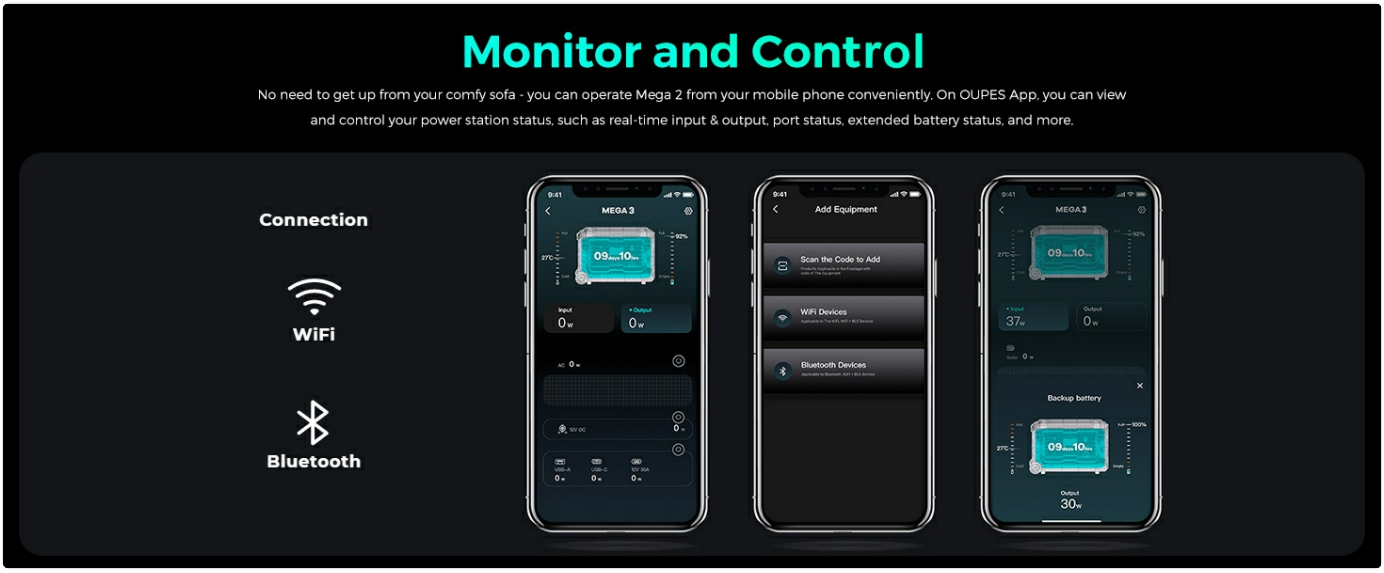


Figure 5: Diagram showing how to connect multiple 240W solar panels in series to the Mega 3.

3.4 Smart App Control Setup

Download the OUPES app from the App Store or Google Play. Connect your Mega 3 via Wi-Fi or Bluetooth to monitor battery levels, estimated running time, input/output wattages, and customize settings.

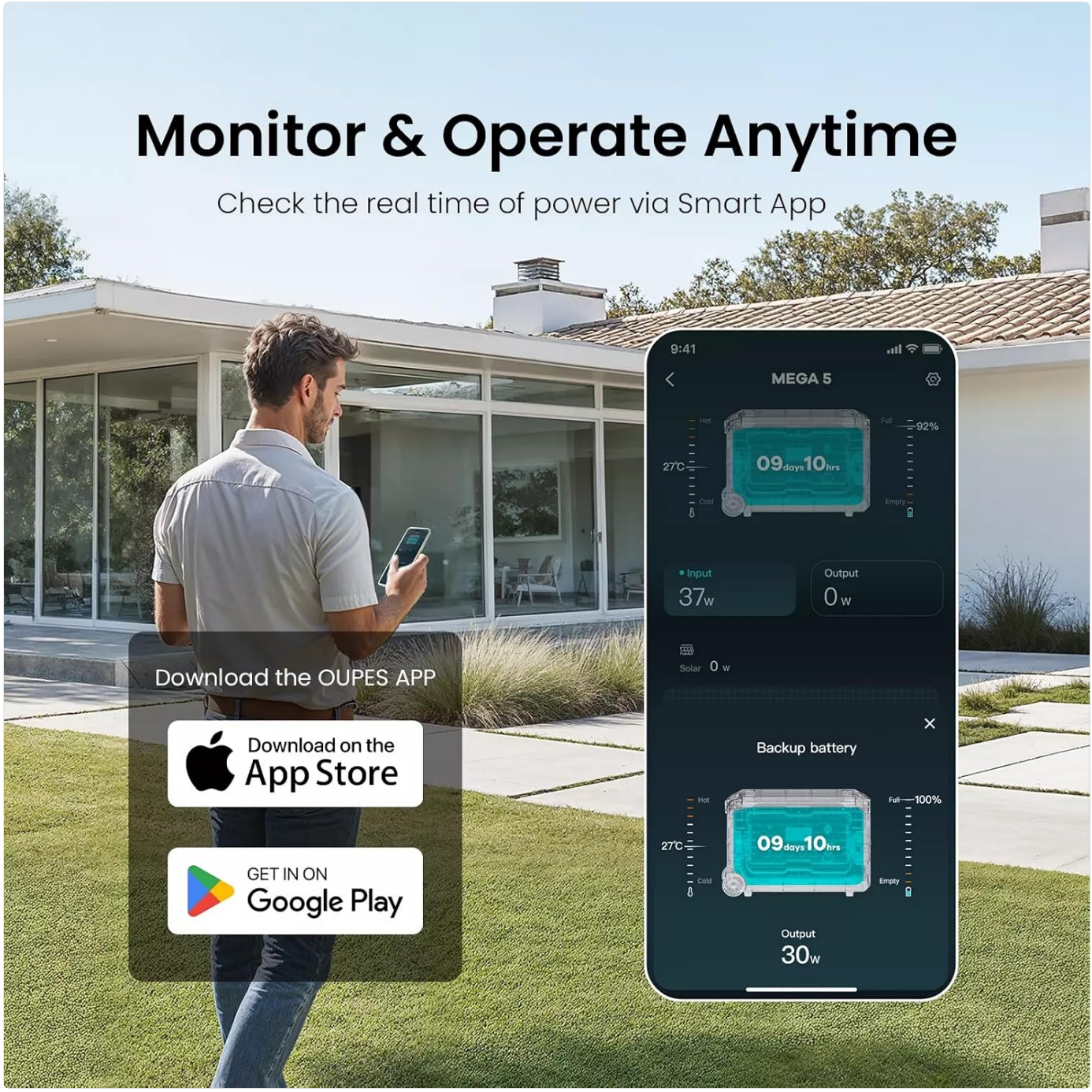


Figure 6: The OUPES app interface for monitoring and controlling the power station.



Figure 7: The OUPES app allows for convenient monitoring and control of the power station from your mobile device.

4. Operating Instructions

4.1 Powering Devices

The OUPES Mega 3 offers a variety of output ports to power multiple devices simultaneously. It features 5 AC outlets, 1 Car output, 2 USB-A outputs, 1 AC TT-30 output, 2 USB-C outputs, 1 Anderson port, and 2 DC ports.



Figure 8: The OUPES Mega 3 features 16 versatile outlets for various devices.



Figure 9: The Mega 3 can power multiple high-demand appliances simultaneously.

4.2 RV and Off-Grid Use

The Mega 3 is an ideal power solution for RVs and off-grid applications, providing clean and quiet power. It can charge camping accessories or directly power your RV's electrical system via a shore power outlet.

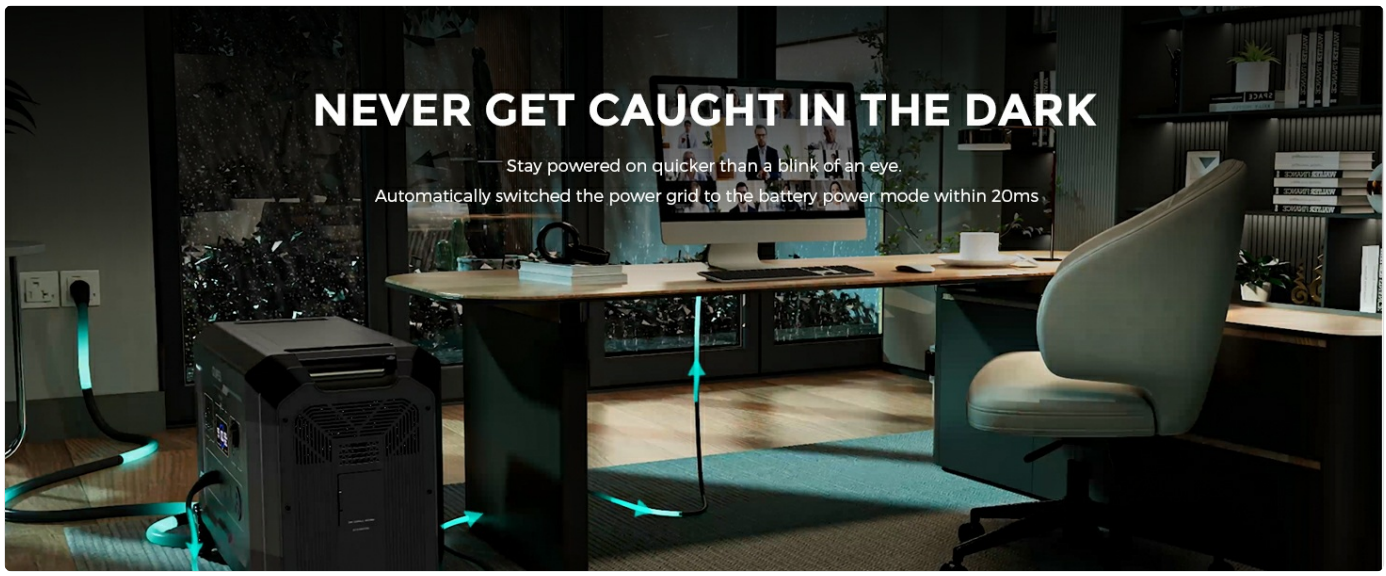


Figure 10: The OUPES Mega 3 provides reliable power for RVs and electric vehicles.

4.3 Home Emergency Backup (UPS Function)

The Mega 3 features an Uninterruptible Power Supply (UPS) function, automatically switching to battery power within 20ms during a power outage to keep essential circuits running.



Figure 11: The Mega 3's UPS function ensures continuous power during outages.



Figure 12: The Mega 3 can be integrated with home circuits using a transfer switch kit for seamless backup power.

4.4 Expanding Capacity

The OUPES Mega 3's capacity can be expanded by connecting up to six B2 Extra Batteries (2048Wh each), increasing the total capacity to 15.36kWh for extended power needs.



Figure 13: The Mega 3's capacity can be expanded from 3.07kWh to 15.36kWh with additional B2 batteries.

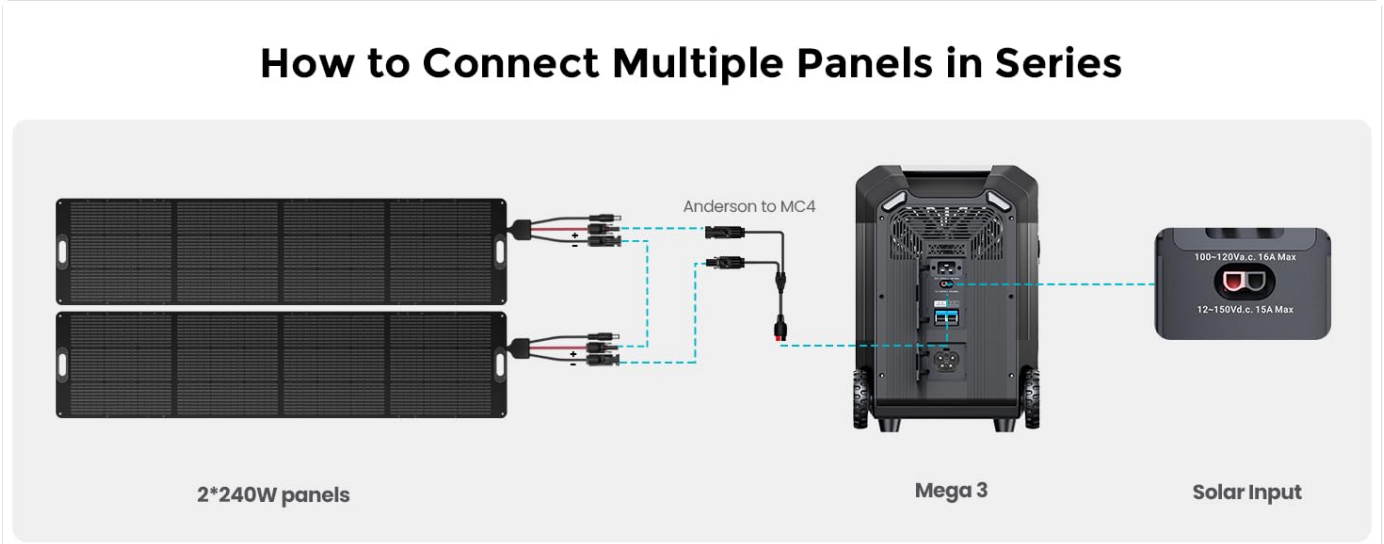


Figure 14: The Mega 3 supports up to six B2 extra batteries for extended power.

5. Maintenance

5.1 Battery Care

To ensure optimal performance and longevity of your OUPES Mega 3's LiFePO4 battery, it is recommended to charge the battery every three months. This practice helps maintain the battery's health and extends its cycle life.

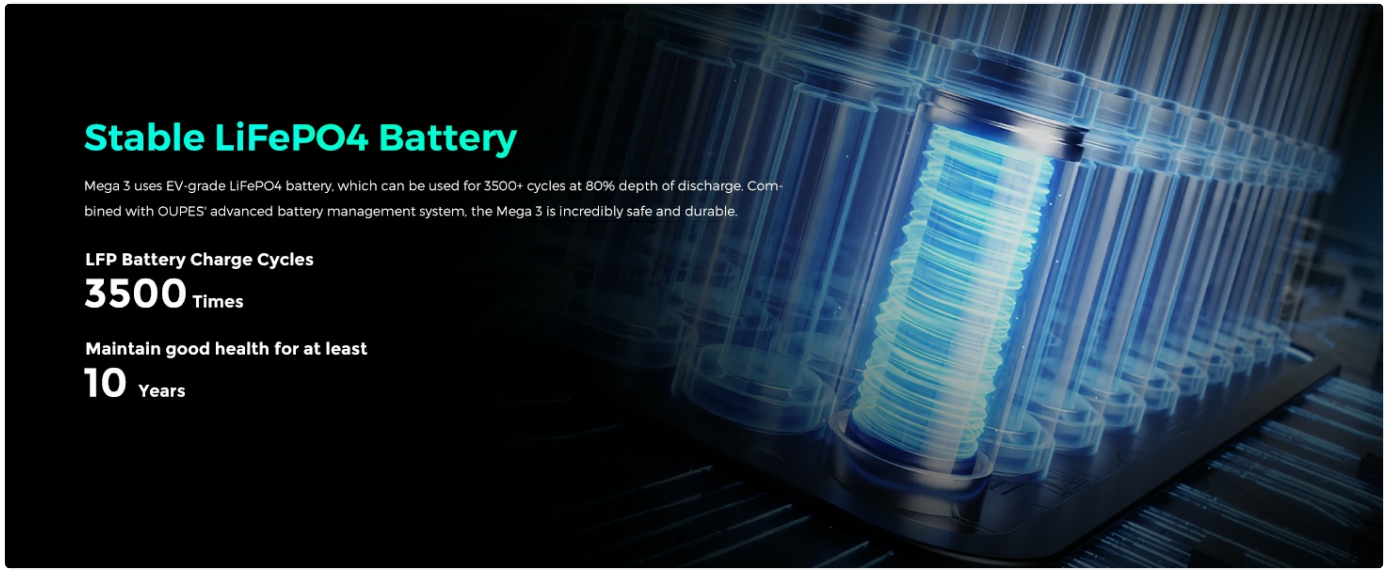


Figure 15: The Mega 3 utilizes a stable LiFePO4 battery, designed for 3500+ cycles and a lifespan of at least 10 years.

6. Troubleshooting

If you encounter any issues with your OUPES Mega 3, please refer to the following common troubleshooting tips:

- **Unit Not Charging or Functioning (Error E020):** If the unit displays an error code like E020 and fails to charge or operate, ensure all connections are secure and the input/output circuit breakers are engaged. Try restarting the unit.
- **Unit Not Turning Off:** If the power station remains on and cannot be turned off, attempt a hard reset by disconnecting all loads and inputs, then pressing and holding the main power button for an extended period.
- **General Power Issues:** Check all cables and connections for proper seating. Ensure the power station is adequately charged. Verify that the total wattage of connected devices does not exceed the unit's output capacity.

For issues not covered in this section, or if problems persist, please contact OUPES customer support for further assistance.

7. Specifications

Feature	Specification
Brand	OUPES
Model	Mega 3
Wattage	3072 Watt-hours
Output Wattage	3600 Watts
Fuel Type	Electric
Power Source	Battery Powered
Voltage	120 Volts (AC)
Item Weight	83.3 pounds
Product Dimensions	25.2"L x 11.9"W x 17.2"H
Battery Type	LiFePO4
Total Power Outlets	16
Sound Level	58 Decibels

8. Warranty

The OUPES Mega 3 Portable Power Station comes with a**60-month (5-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.

9. Support

For technical assistance, troubleshooting, or warranty inquiries, please contact OUPES customer service. Refer to the contact information provided in your product packaging or visit the official OUPES website.

Online Resources:

- OUPES Official Website: Visit the OUPES Store on Amazon

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