

OUPES S012

OUPES Exodus 1200 Solar Generator User Manual

Model: S012 | Brand: OUPES

1. INTRODUCTION

The OUPES Exodus 1200 is a versatile and powerful portable power station designed to provide reliable electricity for various applications, from outdoor adventures like camping and RV trips to essential home backup during power outages. Featuring a 992Wh LiFePO4 battery and a 1200W rated output, it offers a clean, efficient, and eco-friendly energy solution. This manual provides detailed instructions for safe setup, operation, maintenance, and troubleshooting to ensure optimal performance and longevity of your device.

2. SAFETY INSTRUCTIONS

Please read and understand all safety instructions before operating the OUPES Exodus 1200. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit. Incorrect reassembly may cause fire or electric shock.
- Do not place the unit near fire or in direct sunlight.
- Do not charge, use, or store the unit in a bathroom or in an area exposed to rain or moisture.
- Use only the original or certified charging cables and accessories provided by OUPES.
- Keep the unit away from children and pets.
- Do not use the unit if it is damaged or has been dropped.
- Ensure proper ventilation during use and charging to prevent overheating.
- Avoid extreme temperatures. Store the unit in a cool, dry place.

3. PRODUCT OVERVIEW

The OUPES Exodus 1200 is a compact and powerful solar generator. Familiarize yourself with its components and interfaces.

3.1 Main Unit

The main unit features a robust design with multiple output ports and an intuitive display.

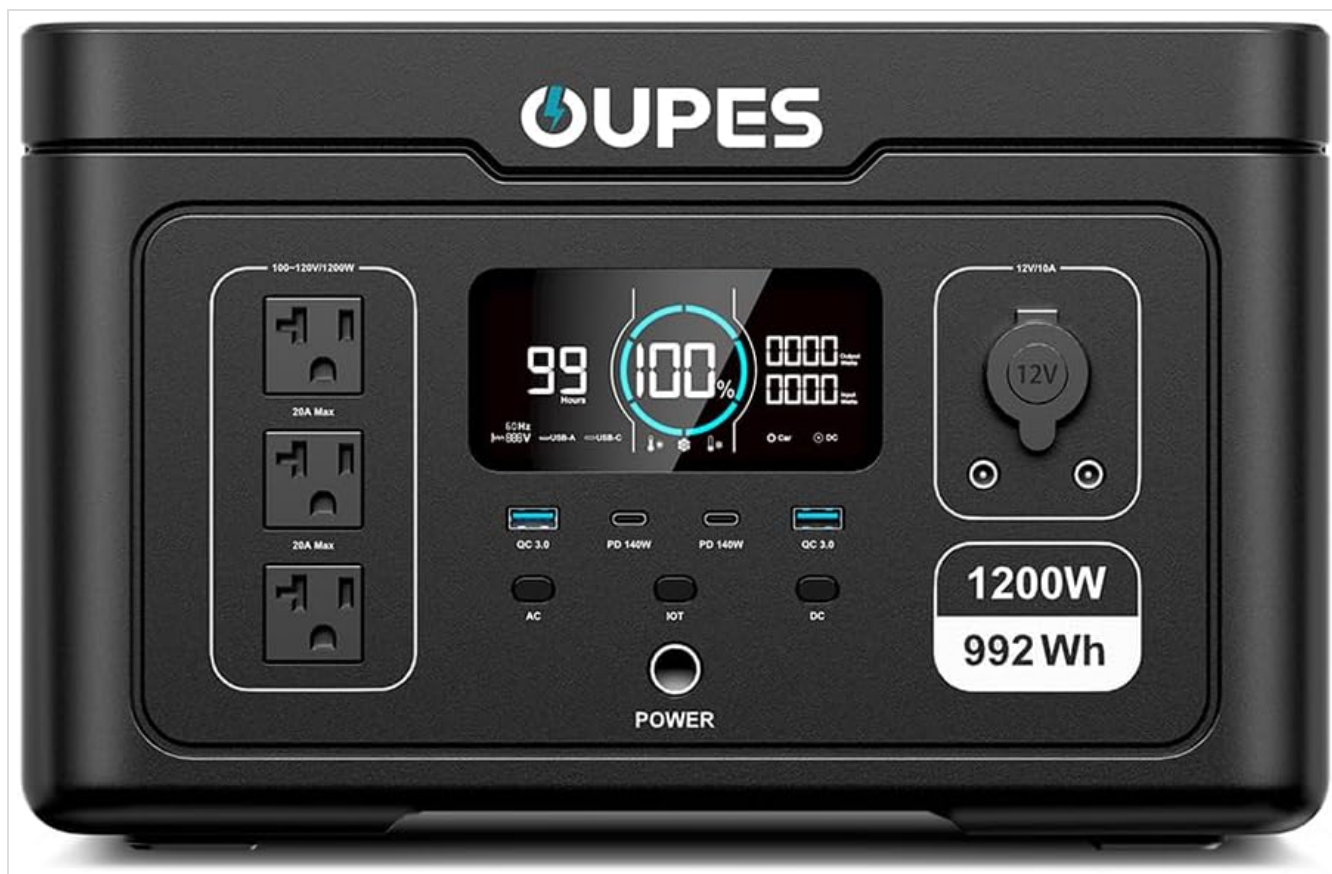


Figure 3.1: Front view of the OUPES Exodus 1200 Power Station, showing the display and various ports.

Precision Meets Performance

Connect, Power Up and Keep Going

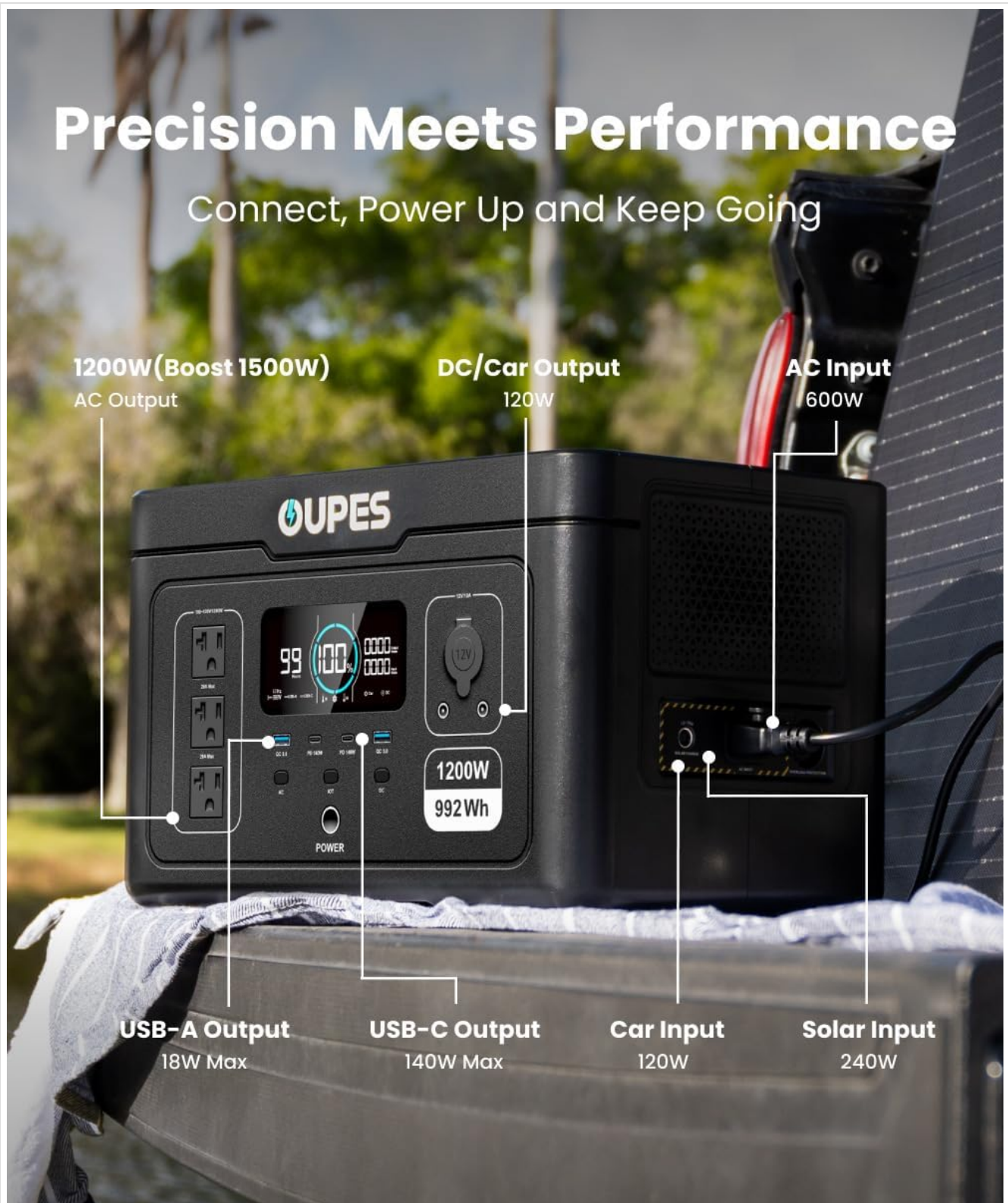


Figure 3.2: Detailed view of the OUPES Exodus 1200 ports, including AC outlets, USB-A, USB-C, DC, and car output.

3.2 Informative LCD Screen

The bright LCD screen provides real-time information about the power station's status, including battery level, input/output wattage, and remaining runtime.

Portable and Lightweight



Size:

14.1 x 10.7 x 8.9 in



Weight:

23 lb

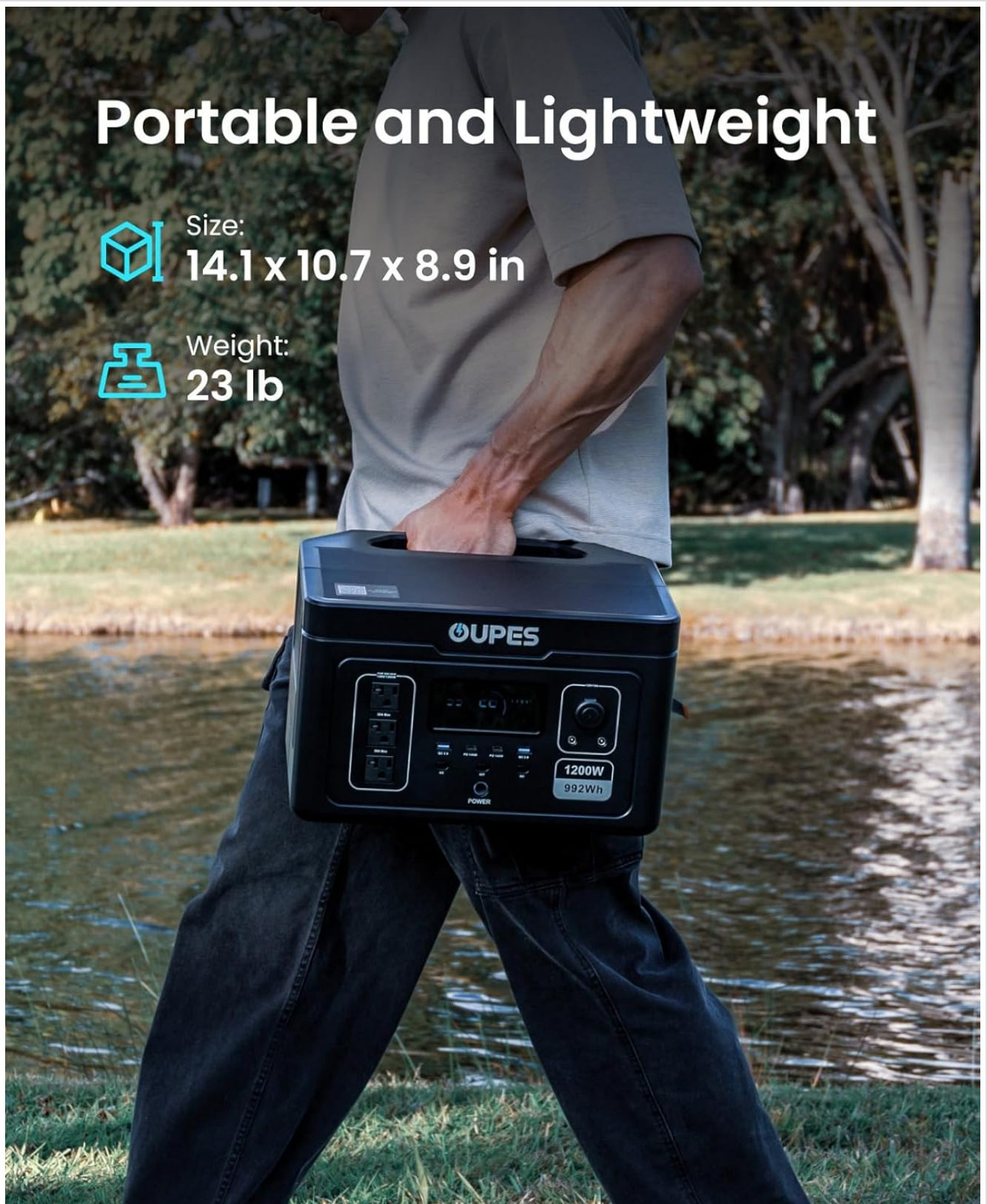


Figure 3.3: Close-up of the LCD screen displaying battery percentage, remaining hours, input/output power, and various status indicators.

3.3 Product Overview Videos

Watch these official videos for a visual guide to the OUPES Exodus 1200.

Video 3.1: Oupes Exodus 1200 Power Station Overview. This video provides a general introduction to the power station's features and design.

Video 3.2: Oupes Exodus 1200 LFP Power Station with APP UPS. This video highlights the LiFePO4 battery, app control, and UPS functionality.

4. SETUP

4.1 Initial Charging

Before first use, fully charge your OUPES Exodus 1200. It can be recharged from 0% to 80% in just 2 hours with 600W max AC input.



Figure 4.1: The power station connected to an AC outlet for fast charging.

5. OPERATING INSTRUCTIONS

5.1 Powering Your Devices

The Exodus 1200 offers 10 versatile outputs to power a wide range of devices. Simply connect your device to the appropriate port and ensure the corresponding output (AC, DC, USB) is activated.

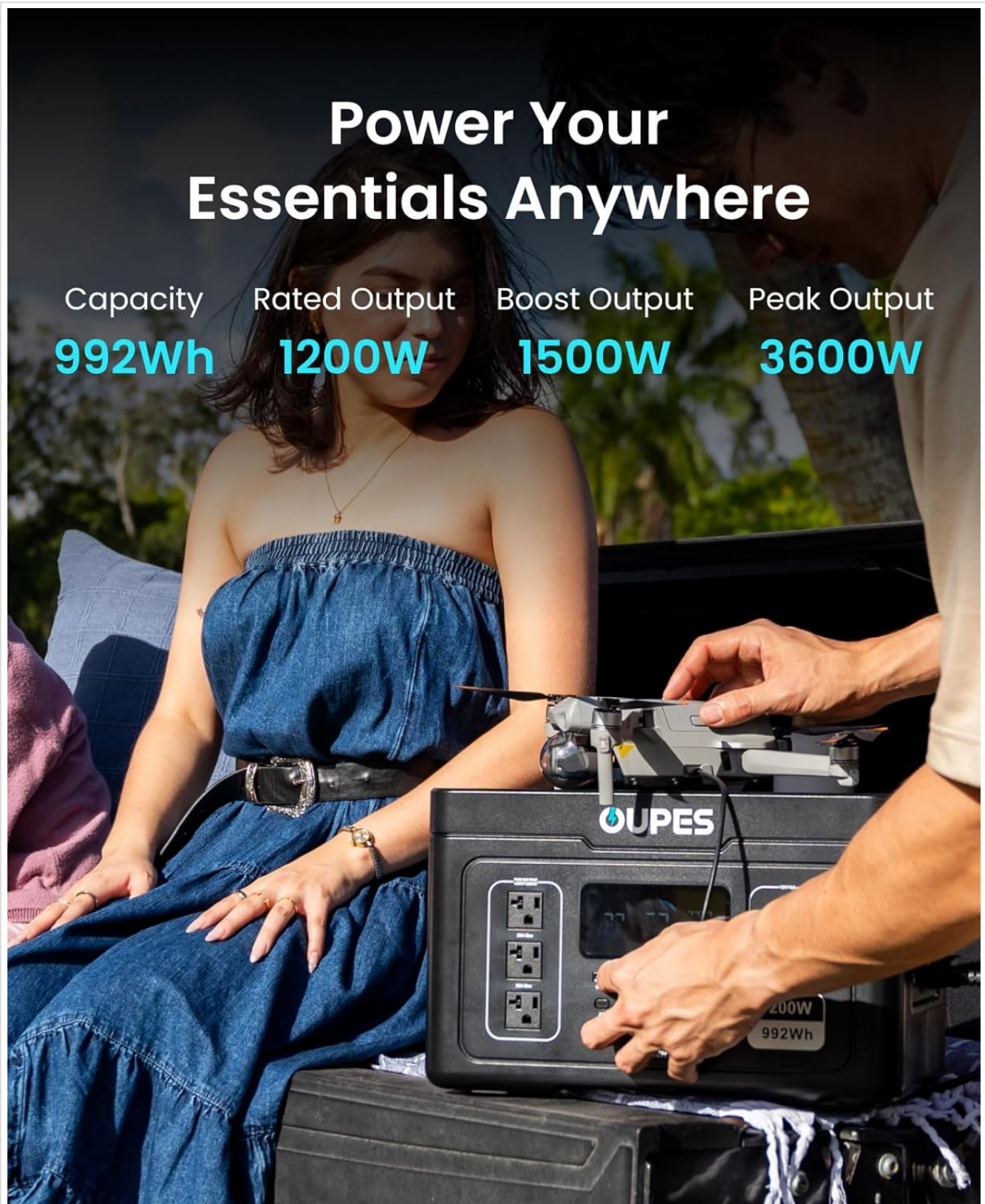


Figure 5.1: The power station in use, demonstrating its ability to power multiple devices simultaneously, including a drone.

5.2 Smart App Control

Monitor and manage your power usage remotely with the intuitive smart app. The app allows you to check real-time power status, set AC charging speed, and configure AC timeout settings.

Smart APP for On-the-Go Control



**Check Real-Time
Power Status**



**Set AC Charging
Speed**



Set AC Timeout



**Connect via
Bluetooth or Wi-Fi**



Figure 5.2: A smartphone screen showing the OUPES app, which provides control and monitoring features for the power station.

5.3 Built-In UPS Functionality

The Exodus 1200 acts as an uninterruptible power supply (UPS) to protect your sensitive electronics. In case of a power outage, it seamlessly switches to battery power in less than 20 milliseconds, keeping your devices running without interruption.

<20 MS Uninterruptible Power Supply



Computer



CPAP



Refrigerator



Security Camera



Figure 5.3: The power station providing uninterrupted power supply to household appliances like a refrigerator during a power interruption.

6. CHARGING METHODS

Your OUPES Exodus 1200 can be recharged using multiple methods:

6.1 AC Wall Outlet

Recharge from 0% to 80% in just 2 hours with 600W max AC input. Use the included AC charging cable.

6.2 Solar Panels

The unit can be recharged by solar panels, taking about 4-6 hours with a 240W solar panel (or 12-16 hours with 100W panels). Ensure your solar panels are compatible with the unit's input specifications (12-30V, max 12A).



Figure 6.1: The OUPES Exodus 1200 connected to a 240W portable solar panel for efficient outdoor charging.

6.3 Car Charging

Recharge on the go using your car's 12V cigarette lighter port. This method takes approximately 8.3 hours for a full charge.

Versatile Outputs for Every Device



Figure 6.2: The power station being charged inside a vehicle using the car charging cable.

7. BATTERY INFORMATION

The OUPES Exodus 1200 utilizes a LiFePO4 (Lithium Iron Phosphate) battery, known for its superior performance, safety, and longevity.

- **Long-lasting Reliability:** Offers 3500+ life cycles before going down to 80% of its original capacity, providing years of dependable use.
- **Enhanced Safety:** LiFePO4 batteries are inherently more stable and safer than other lithium-ion chemistries,

reducing the risk of overheating or fire.

- **Built-in BMS:** OUPES's Battery Management System (BMS) protects the battery from overcharging, overheating, and deep discharges, ensuring optimal performance and a longer lifespan.

8. APPLICATIONS

The OUPES Exodus 1200 is ideal for a variety of scenarios:

8.1 Camping & Road Trips

- Power mobile phones (60+ times)
- Run car refrigerators (17-30 hours)
- Operate blenders (1.7+ hours)
- Power projectors (10.5+ hours)
- Use coffee machines (0.8+ hours)

8.2 Home Backup Battery

- Keep Wi-Fi routers running (80+ hours)
- Power microwave ovens (0.8+ hours)
- Light lamps (28+ hours)
- Operate juicers (3.4+ hours)
- Maintain refrigerators (15-30 hours)
- Run 50" TVs (10.5+ hours)

8.3 Photography & Content Creation

- Charge digital cameras (56+ times)
- Charge laptops (14+ times)
- Charge drones (21+ times)
- Power speakers (28+ times)
- Run photography lighting equipment (1.1+ hours)

9. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your power station.

- **Cleaning:** Use a dry, soft cloth to wipe the surface of the unit. Do not use harsh chemicals or abrasive materials.
- **Storage:** Store the unit in a cool, dry, and well-ventilated area, away from direct sunlight, heat sources, and moisture. For long-term storage, charge the unit to 50-80% every 3-6 months to maintain battery health.
- **Battery Care:** Avoid fully discharging the battery frequently. It is recommended to recharge the unit when the battery level drops below 20%.

10. TROUBLESHOOTING

If you encounter any issues with your OUPES Exodus 1200, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit not turning on	Battery fully discharged; Power button not pressed correctly.	Charge the unit; Press and hold the Power button for 3 seconds.
No output from AC/DC/USB ports	Output not activated; Overload protection; Device not compatible.	Press the respective AC/DC/USB button to activate; Reduce load; Check device compatibility.
Slow charging speed	Charging mode set to 'Slow'; Environmental temperature too high/low; Solar panel not optimally positioned.	Adjust charging mode via app; Ensure unit is in optimal temperature range (0-40°C); Reposition solar panel for direct sunlight.
Unit overheating	Excessive load; Poor ventilation.	Reduce connected load; Ensure unit has adequate airflow around vents.

11. SPECIFICATIONS

Detailed technical specifications for the OUPES Exodus 1200.

Feature	Detail
Model Name	S012
Capacity	992Wh
Rated Output	1200W (Boost 1500W, Surge 3600W)
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Life Cycles	3500+ cycles to 80% capacity
AC Output	3 x 120V AC outlets
USB-A Output	2 x QC3.0 (18W max)
USB-C Output	2 x PD 140W max
DC Output	2 x 5.5*2.1mm ports
Car Port Output	1 x 12V/10A
AC Input	600W max (0-80% in 2 hours)
Solar Input	240W max (12-30V, max 12A)
Car Input	120W max (0-100% in 8.3 hours)
UPS Function	<20ms switchover time
Dimensions (L x W x H)	14.1" x 8.9" x 10.7"

Feature	Detail
Weight	23.2 lbs

12. WARRANTY AND SUPPORT

OUPES provides a 5-Year Premium Warranty for the Exodus 1200, offering the longest coverage in the portable power industry. This demonstrates our commitment to quality and customer satisfaction.

For technical support, warranty claims, or any inquiries, please visit the official OUPES website or contact our customer service team. Refer to your purchase documentation for specific contact details.

Online Resources: [OUPES Amazon Store](#)