OUPES S012

OUPES Exodus 1200 Solar Generator User Manual

Model: S012 | Brand: OUPES

PRODUCT OVERVIEW

The OUPES Exodus 1200 is a versatile and portable solar generator designed to provide reliable power for various applications, including camping, RV travel, and home emergencies. It features a 992Wh LiFePO4 battery, a 1200W rated output (with 3600W surge capability), and multiple output ports to power a wide range of devices. This manual provides essential information for the safe and efficient operation of your Exodus 1200.

Image: The OUPES Exodus 1200 portable power station shown alongside its included 100W foldable solar panel.

Portable and Lightweight

Size:
14.1 x 10.7 x 8.9 in

Weight:
23 lb

Image: A person carrying the OUPES Exodus 1200, demonstrating its compact and lightweight design for easy transport.

SETUP

Unboxing and Initial Inspection

Upon receiving your OUPES Exodus 1200, carefully unbox all components and inspect for any signs of damage. Ensure all listed accessories are present:

- 1x Exodus 1200 Portable Power Station
- 1x AC Charging Cable
- 1x 100W Portable Solar Panel
- 1x DC7909 to Car Charging Cable
- User Manual (this document)

Initial Charging

Before first use, it is recommended to fully charge the Exodus 1200. This optimizes battery performance and longevity.

1. Connect the provided AC charging cable to the AC input port on the Exodus 1200.
2. Plug the other end of the AC charging cable into a standard wall outlet (120V AC).
3. The display screen will indicate charging status. The unit charges from 0% to 80% in approximately 2 hours with 600W max AC input.

Image: The OUPES Exodus 1200 connected to a wall outlet for rapid AC charging, illustrating its 0-80% charge in 2 hours capability.

Connecting Solar Panels

The Exodus 1200 can be recharged using solar panels. The included 100W portable solar panel is designed for this purpose.

1. Unfold the 100W portable solar panel and place it in direct sunlight.
2. Connect the solar panel's output cable to the DC input port (Solar Input) on the Exodus 1200.

3. The display will show solar charging activity. Charging time with the 100W panel is approximately 12-16 hours, or 4-6 hours with a 240W solar panel (sold separately).

OPERATING INSTRUCTIONS

Turning On/Off

- To turn on: Press and hold the main POWER button for a few seconds until the display illuminates.
- To turn off: Press and hold the main POWER button again until the display turns off.

Using Output Ports

The Exodus 1200 offers a variety of output ports to power different devices:

Image: A detailed view of the OUPES Exodus 1200's front panel, highlighting all available AC, DC, USB-A, USB-C, and car cigarette lighter output ports, as well as input ports.

- **AC Outlets (3x):** Rated 1200W (Boost 1500W, Surge 3600W). Press the AC button to enable/disable AC output. Ideal for household appliances, power tools, and electronics.
- **USB-A Ports (2x QC3.0):** 18W each. Automatically activate when a device is connected. Suitable for smartphones, tablets, and other USB-powered devices.
- **USB-C Ports (2x PD 140W):** High-power delivery for laptops, drones, and other USB-C compatible devices. Automatically activate when a device is connected.

Image: The OUPES Exodus 1200 actively charging a laptop and other devices using its dual 140W USB-C Power Delivery ports.

- **DC Ports (2x 5.5*2.1mm):** For compatible DC devices. Press the DC button to enable/disable DC output.
- **Car Cigarette Port (1x 12V/10A):** For car accessories and 12V devices. Press the DC button to enable/disable DC output.
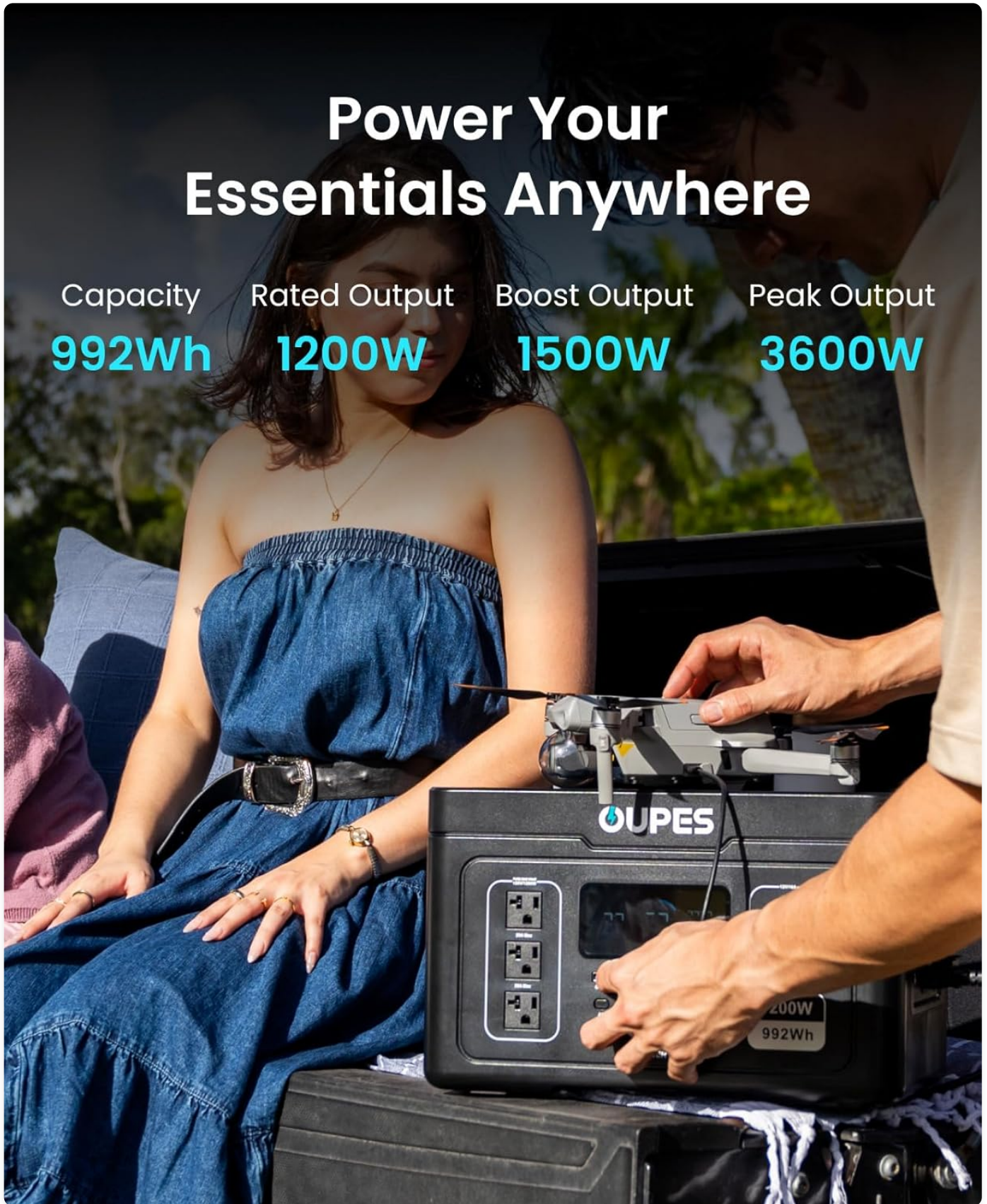
Image: The OUPES Exodus 1200 powering a drone, demonstrating its capability to handle various essential devices with its 992Wh capacity and 1200W rated output.

Smart App Control

The OUPES Exodus 1200 can be monitored and controlled remotely via a smart application. This feature allows you to check real-time power status, set charging speeds, and manage settings.

1. Download the official OUPES app from your device's app store.
2. Ensure Bluetooth or Wi-Fi is enabled on your smartphone.

3. Open the app and follow the on-screen instructions to connect to your Exodus 1200.

4. Once connected, you can monitor battery level, input/output wattage, and control port activation.
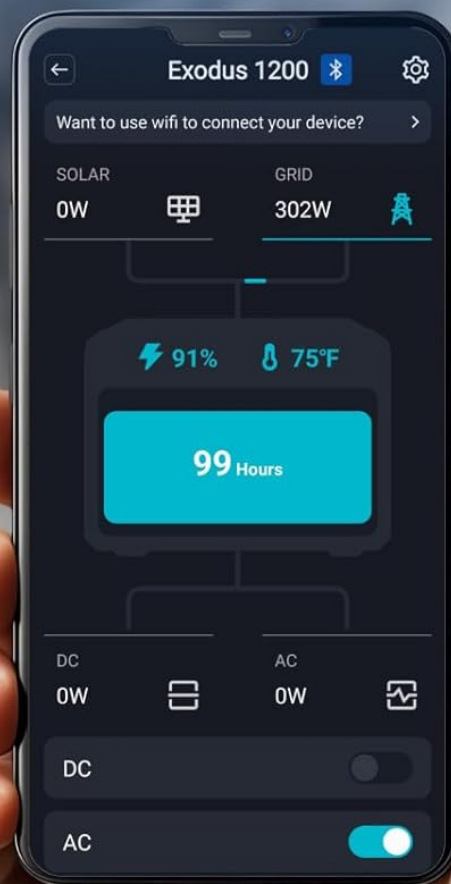

Image: A smartphone displaying the OUPES smart app interface, showing options to check real-time power status, set AC charging speed, set AC timeout, and connect via Bluetooth or Wi-Fi.

Uninterruptible Power Supply (UPS) Functionality

The Exodus 1200 features a built-in UPS function, providing seamless power backup for sensitive electronics during unexpected power outages. When connected to an AC wall outlet and simultaneously powering devices, it will

automatically switch to battery power within 20 milliseconds if the grid power fails.

- Connect the Exodus 1200 to an AC wall outlet.
- Connect your sensitive devices (e.g., computer, CPAP machine, refrigerator, security camera) to the AC output ports of the Exodus 1200.
- In case of a power interruption, the Exodus 1200 will automatically provide power from its internal battery.
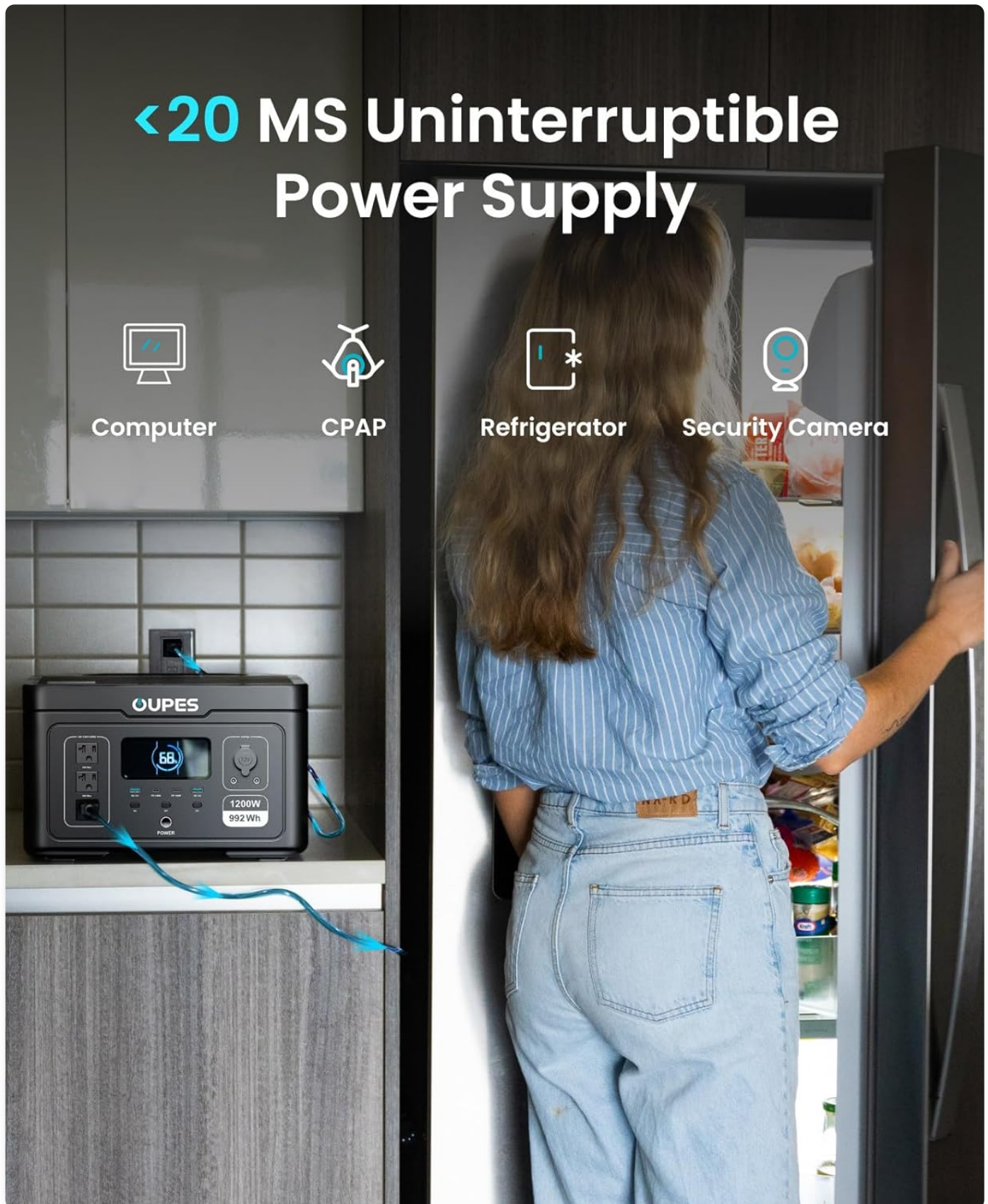

Image: The OUPES Exodus 1200 connected to a refrigerator and other devices, illustrating its Uninterruptible Power Supply (UPS) capability with a transfer time of less than 20 milliseconds.

MAINTENANCE

Battery Care (LiFePO4)

The Exodus 1200 uses a LiFePO4 battery, known for its long lifespan (3500+ cycles to 80% capacity) and safety. To maximize battery life:

- Avoid fully discharging the battery frequently.
- Charge the unit to at least 50% every 3-6 months if not in use.
- Store in a cool, dry place away from direct sunlight and extreme temperatures.

Cleaning

To clean the exterior of the unit:

- Use a soft, dry, or slightly damp cloth.
- Do not use abrasive cleaners or solvents.
- Ensure all ports are free of dust and debris.

Storage

When storing the Exodus 1200 for extended periods:

- Charge the battery to approximately 50-80%.
- Store in a temperature-controlled environment (ideally 0°C to 40°C / 32°F to 104°F).
- Keep away from moisture and corrosive materials.

TROUBLESHOOTING

If you encounter issues with your OUPES Exodus 1200, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely discharged; Power button not pressed long enough.	Connect to AC power for charging. Press and hold the power button for 3-5 seconds.
AC output not working.	AC output not enabled; Overload protection activated; Low battery.	Press the AC button to enable. Reduce connected load. Recharge the unit.
Solar charging is slow or not working.	Insufficient sunlight; Panel not properly connected; Panel dirty or damaged.	Ensure direct sunlight. Check cable connections. Clean solar panel surface.
Smart App cannot connect.	Bluetooth/Wi-Fi off; App not updated; Unit too far from device.	Enable Bluetooth/Wi-Fi. Update app to latest version. Move closer to the unit.

If the problem persists, please contact OUPES customer support for assistance.

SPECIFICATIONS

Brand	OUPES
Model Name	Exodus 1200 (S012)
Battery Type	LiFePO4

Capacity	992Wh
Rated Output	1200W (AC)
Boost Output	1500W (AC)
Surge Power	3600W (AC)
AC Input	600W Max
Solar Input	240W Max
USB-A Output	2x QC3.0 (18W each)
USB-C Output	2x PD 140W
DC Output	2x 5.5*2.1mm
Car Port Output	1x 12V/10A
UPS Function	Yes (<20ms transfer time)
Control	Manual Buttons, Smart APP Control
Dimensions (L x W x H)	14.1" x 8.9" x 10.7"
Weight	23.2 lbs
Material	Plastic
Color	Black

WARRANTY AND SUPPORT

Warranty Information

The OUPES Exodus 1200 Solar Generator comes with a **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. The warranty does not cover damage caused by misuse, abuse, unauthorized modification, accident, or natural disasters.

Customer Support

For technical assistance, warranty claims, or any questions regarding your OUPES Exodus 1200, please contact OUPES customer support. Refer to the official OUPES website or your purchase documentation for the most current contact information.
When contacting support, please have your product model (S012) and purchase details ready.