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› OSCAL PowerMax 3600 SE Portable Power Station User Manual

OSCAL PowerMax 3600 SE

OSCAL PowerMax 3600 SE Portable Power Station User Manual

This manual provides essential information for the safe and efficient operation of your OSCAL PowerMax 3600 SE Portable Power Station. Please read thoroughly before use.

PRODUCT OVERVIEW

The OSCAL PowerMax 3600 SE is a high-capacity portable power station designed to provide reliable power for various applications, including home backup, outdoor activities, and emergencies. It features a 3600Wh LiFePO4 battery, 3600W (7200W surge) AC output, and multiple charging options including solar.



OSCAL PowerMax 3600 SE Portable Power Station with solar panels.

3600Wh/3600W

Power All Your Needs Simultaneously



Space Heater
1500W



Microwave
700W



Sump Pump
370W



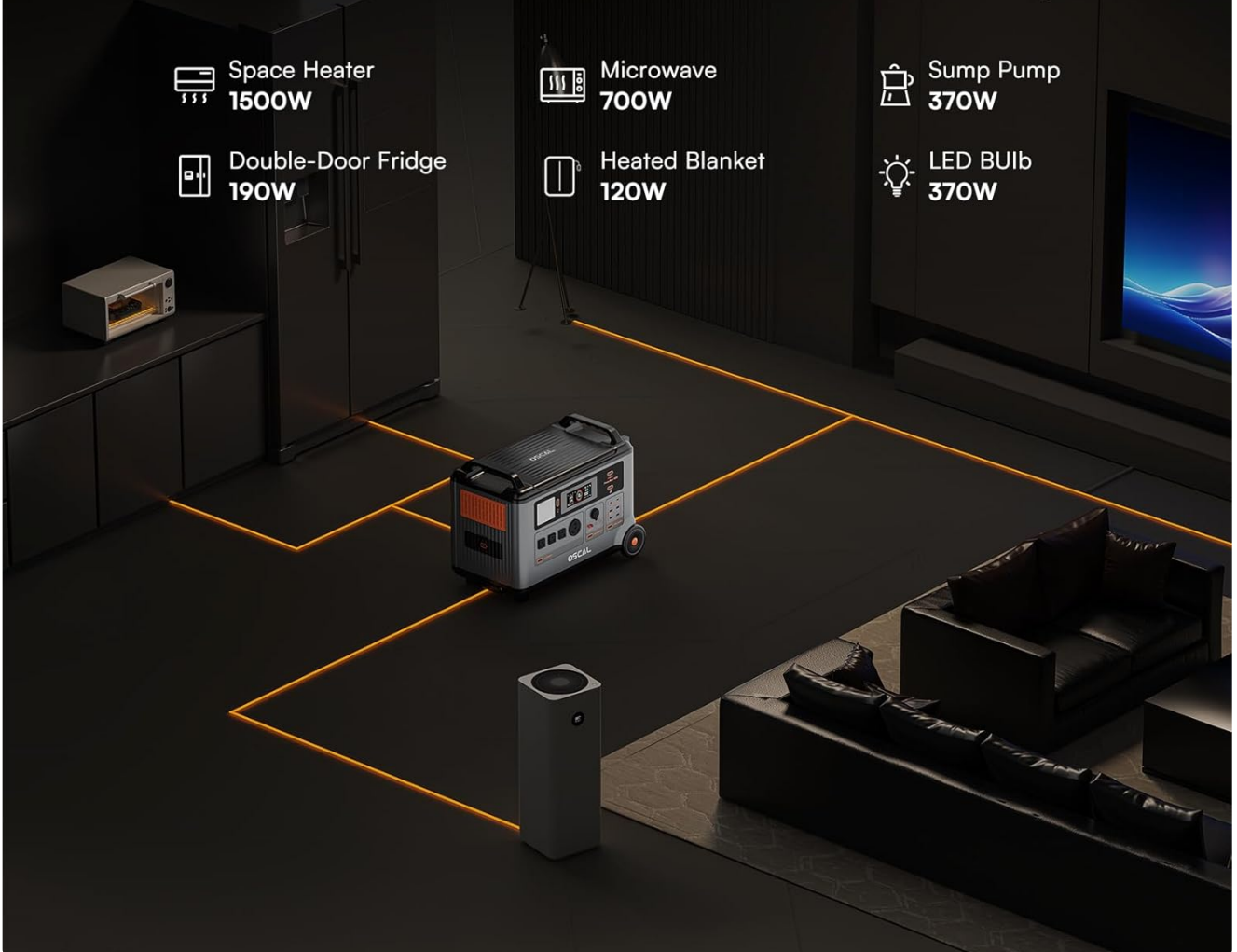
Double-Door Fridge
190W



Heated Blanket
120W



LED BULB
370W



The PowerMax 3600 SE powering various household appliances simultaneously, demonstrating its 3600Wh/3600W capacity.

Portable Power Station

With pull handle & wheels



Dimensions: 23.2 in*13.8 in*17.5 in

A person pulling the PowerMax 3600 SE portable power station with its integrated wheels and pull handle, highlighting its portability.

SETUP AND FIRST USE

Unpacking

Carefully remove all components from the packaging. Verify that all included items are present: PowerMax 3600 SE unit, AC charging cable, car charging cable, solar charging cable, and this user manual.

Initial Charging

Before first use, fully charge the PowerMax 3600 SE.

1. Connect the AC charging cable to the power station and a wall outlet.
2. The display will indicate charging status.
3. Charging from 0-100% via AC input (1800W) takes approximately 1.44 hours.

Alternatively, use solar panels for charging. Connect the solar charging cable to the power station and compatible solar panels (e.g., PM100/PM200).

Solar charging (1600W max) can fully charge the unit in approximately 2.7 hours. Combined AC and solar charging (3000W max) can achieve full charge in 1.2 hours.



The PowerMax 3600 SE connected to multiple solar panels and an AC outlet, illustrating its fast charging capabilities.

This video demonstrates the key features and operational aspects of the OSCAL PowerMax 3600 SE portable power station, including its control panel and various output ports.

OPERATING INSTRUCTIONS

Control Panel Overview

The PowerMax 3600 SE features a user-friendly control panel with an intuitive LED display.

14 Multi-Function Ports for You

Powers over **99%** of electronic devices

3xAC, 1xTT-30, 2xUSB-C, 4xUSB-A, 2xDC5521
1xCar Charger, 1x Anderson Output



Close-up of the PowerMax 3600 SE control panel, showing the display and various buttons for easy operation.

The display provides real-time information on battery level, input/output wattage, and remaining recharge time. Large buttons facilitate easy operation for all users.

Powering Devices

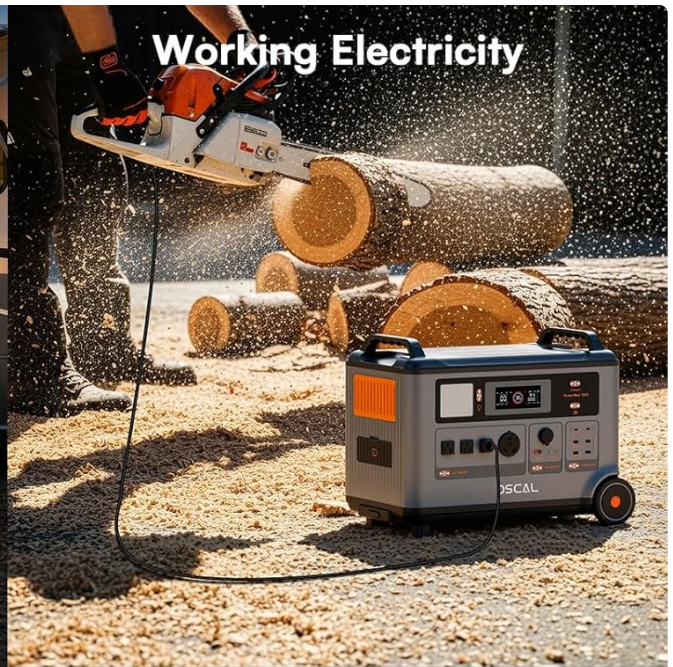
The unit offers 14 output ports to power a wide range of electronic devices and appliances.

- 4 AC outlets (3600W continuous, 7200W surge)
- USB-A ports (x4)
- USB-C ports (x2)
- 12V Car Charger output
- DC5521 outputs (x2)
- Anderson output

To use an output port, ensure the power station is turned on and activate the specific output section (e.g., AC ON/OFF button).



Outdoor Camping



Working Electricity



Home Backup Power

The PowerMax 3600 SE connected to multiple devices, showcasing its 14 multi-function ports.

EPS Uninterruptible Power Supply (UPS) Function

The PowerMax 3600 SE is equipped with an EPS function. In the event of a power outage, it automatically switches to battery power within 5-8 milliseconds, ensuring continuous operation for connected devices. This is ideal for sensitive equipment like computers or medical devices.

Smart APP Control

Download the OSCAL application on your smartphone to remotely monitor and control the power station. The app allows you to check power usage, battery status, and manage settings.

SMART APP FOR COMPLETE POWER CONTROL



Manage Remotely



Check Real-Time Stats



Connect to Bluetooth /Wi-Fi



A person using the OSCAL smartphone app to control the PowerMax 3600 SE, demonstrating remote power management.

This video illustrates various use cases for the OSCAL PowerMax 3600 SE, including powering tools and appliances in different environments.

MAINTENANCE AND STORAGE

Battery Care

The PowerMax 3600 SE uses a durable LiFePO4 battery designed for over 3500 charge cycles. To prolong battery life:

- Avoid fully discharging the unit regularly.
- Store the unit in a cool, dry place away from direct sunlight.
- Recharge the unit to 80% every 3-6 months if not in use.

Cleaning

Use a soft, dry cloth to clean the exterior of the power station. Do not use abrasive cleaners or immerse the unit in

water.

Environmental Conditions

The unit is designed to operate in temperatures ranging from -20°C to 55°C. Its UL94V-0 rated flame-retardant casing provides fire prevention and UV light protection.

TROUBLESHOOTING

No Power Output

- Ensure the power station is turned on.
- Verify that the specific output port (AC, USB, etc.) is activated.
- Check the battery level on the display. Recharge if necessary.
- If an overload occurs, disconnect devices and restart the unit.

Slow Charging

- Confirm the charging cable is securely connected.
- For solar charging, ensure panels are in direct sunlight and free from obstructions.
- Check the wattage input displayed on the screen.

Beeping Alarm

A loud beeping alarm indicates a low battery level. Recharge the unit immediately to prevent complete discharge and ensure continued operation of critical devices.

TECHNICAL SPECIFICATIONS

Feature	Detail
Model Name	PowerMax 3600 SE
Battery Capacity	3600Wh
AC Output	3600W (7200W Surge)
Battery Type	LiFePO4
Lifespan	3500+ cycles (up to 25 years)
AC Charging Input	1800W Max
Solar Charging Input	1600W Max
Combined Charging Input	3000W Max (AC + Solar)
EPS Switchover Time	5-8 ms
Output Ports	4x AC, 4x USB-A, 2x USB-C, 1x Car Charger, 2x DC5521, 1x Anderson

Feature	Detail
Operating Temperature	-20°C to 55°C
Casing Material	High-strength ABS, UL94V-0 rated flame-retardant
Dimensions (L x W x H)	11.5" x 13" x 16.5" (approx. 59 x 35 x 44 cm)
Weight	Approx. 97 lb / 44.45 kg

Charge up to 99% of Essential Devices



Coffee Maker
(800W)
3.8 Hrs



Electical Lawn Mower
(1000W)
3.2 Hrs



Toaster (800W)
3.8 Hrs



Washer (500W)
6 Hrs



A detailed diagram of the PowerMax 3600 SE, highlighting its dimensions and portability features like wheels and handles.

WARRANTY AND SUPPORT

The OSCAL PowerMax 3600 SE comes with a 5-year warranty. For warranty claims or technical support, please contact the manufacturer or your retailer.

Included components: Power Station PowerMax 3600 SE with 3*200W Solar Panel, AC charging cable, car

charging cable, solar charging cable, user manual.