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OUKITEL P1000 Plus+PV200

OUKITEL P1000 Plus Portable Power Station and 200W Solar Panel User Manual

Model: P1000 Plus+PV200 | Brand: OUKITEL

INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your OUKITEL P1000 Plus Portable Power Station and accompanying 200W Solar Panel. Please read this manual thoroughly before using the product to ensure optimal performance and longevity.

PACKAGE CONTENTS

Upon unboxing, verify that all items listed below are present and in good condition:

- OUKITEL P1000 Plus Portable Power Station
- 200W Solar Panel
- AC Charging Cable
- Car Charging Cable
- Solar Charging Cable
- User Manual (this document)

Note: Due to the weight of the product, the power station and solar panel may be delivered in separate packages.

Package Includes

- Oukitel P1000 Plus Power Station
- Solar Charging Cable
- Ac Charging cable
- User Manual



Image: OUKITEL P1000 Plus Portable Power Station and included accessories.

PRODUCT FEATURES

- **High Power Output & Capacity:** The P1000 Plus offers an 1800W (3600W peak) AC output and a 1024Wh LiFePO4 battery capacity, suitable for various appliances.
- **Rapid Charging:** Achieves 0-100% charge in approximately 1 hour using 1200W AC input. Supports up to 500W solar input for efficient charging.
- **Durable LiFePO4 Battery:** Equipped with LiFePO4 batteries, providing over 3500 charge cycles and a lifespan exceeding 10 years.
- **Smart App Control:** Monitor and control the power station remotely via a dedicated smartphone application, checking power levels, input/output, charging time, and battery temperature.
- **Multiple Output Ports:** Features 11 output ports including 4 AC outlets, 2 USB-A Quick Charge 3.0 ports, 2 USB-C PD ports (20W, 100W), 2 DC outlets, and 1 cigarette lighter port.
- **Uninterruptible Power Supply (UPS):** Provides seamless power switching within 0.01 seconds during outages, protecting sensitive electronics.

- **Advanced Battery Management System (BMS):** Monitors voltage, current, and temperature for safe and secure operation.
- **Quiet Operation:** Operates at less than 29 dB when output is below 500W, ensuring minimal disturbance.
- **Integrated LED Lighting:** Features 3 LED modes (steady light, SOS, flashing) for various lighting needs.

Power **99%** of Household Devices

Capacity

1024 Wh

Output

1800W



Mini Fridge

15 Hrs



Coffee Maker

1 Hrs



Smart Camera

4 Days



TV

8 Hrs



Image: OUKITEL P1000 Plus powering common devices, highlighting its capacity and output.

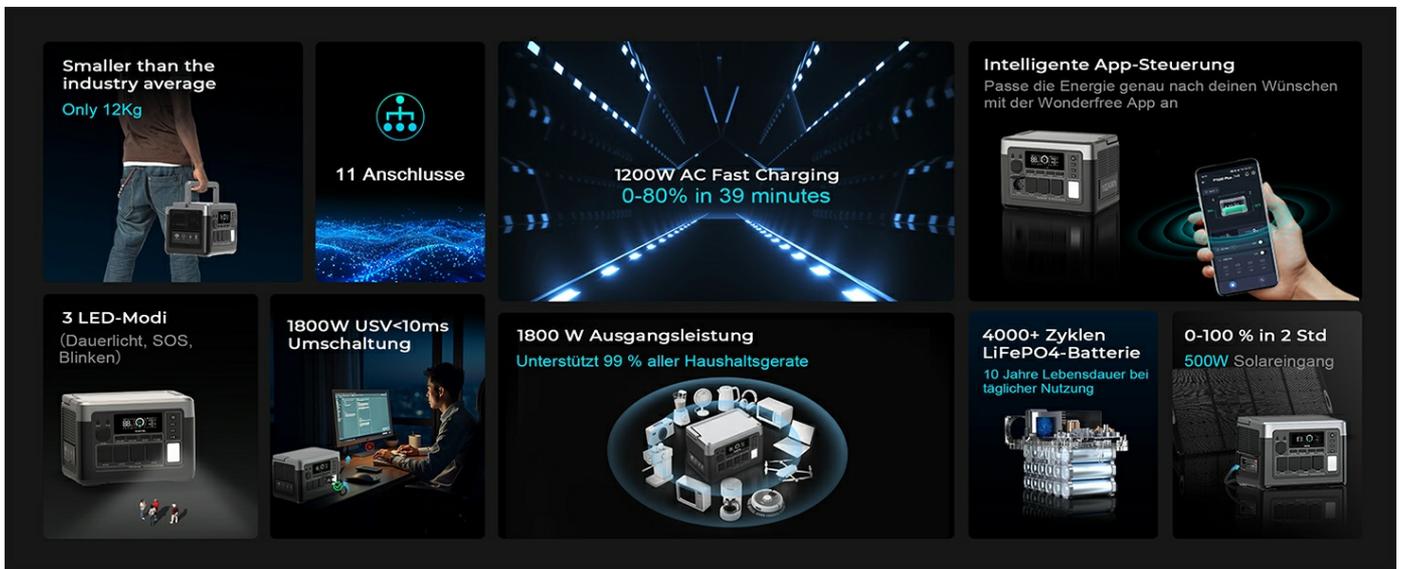


Image: Advanced LiFePO4 battery technology and BMS for safety and longevity.

SETUP GUIDE

1. **Unpack:** Carefully remove all components from the packaging. Retain packaging for future storage or transport.
2. **Initial Charge:** Before first use, fully charge the P1000 Plus using the AC charging cable. Connect the AC charging cable to the power station's AC input port and then to a standard wall outlet. The display will indicate charging status.
3. **Solar Panel Setup (Optional):** If using the 200W Solar Panel, unfold it and position it in direct sunlight. Connect the solar charging cable from the panel to the power station's solar input port.
4. **Download App:** For smart control features, download the "Wonderfree" app from your smartphone's app store.

Easy app control

Download the "Wonderfree" app

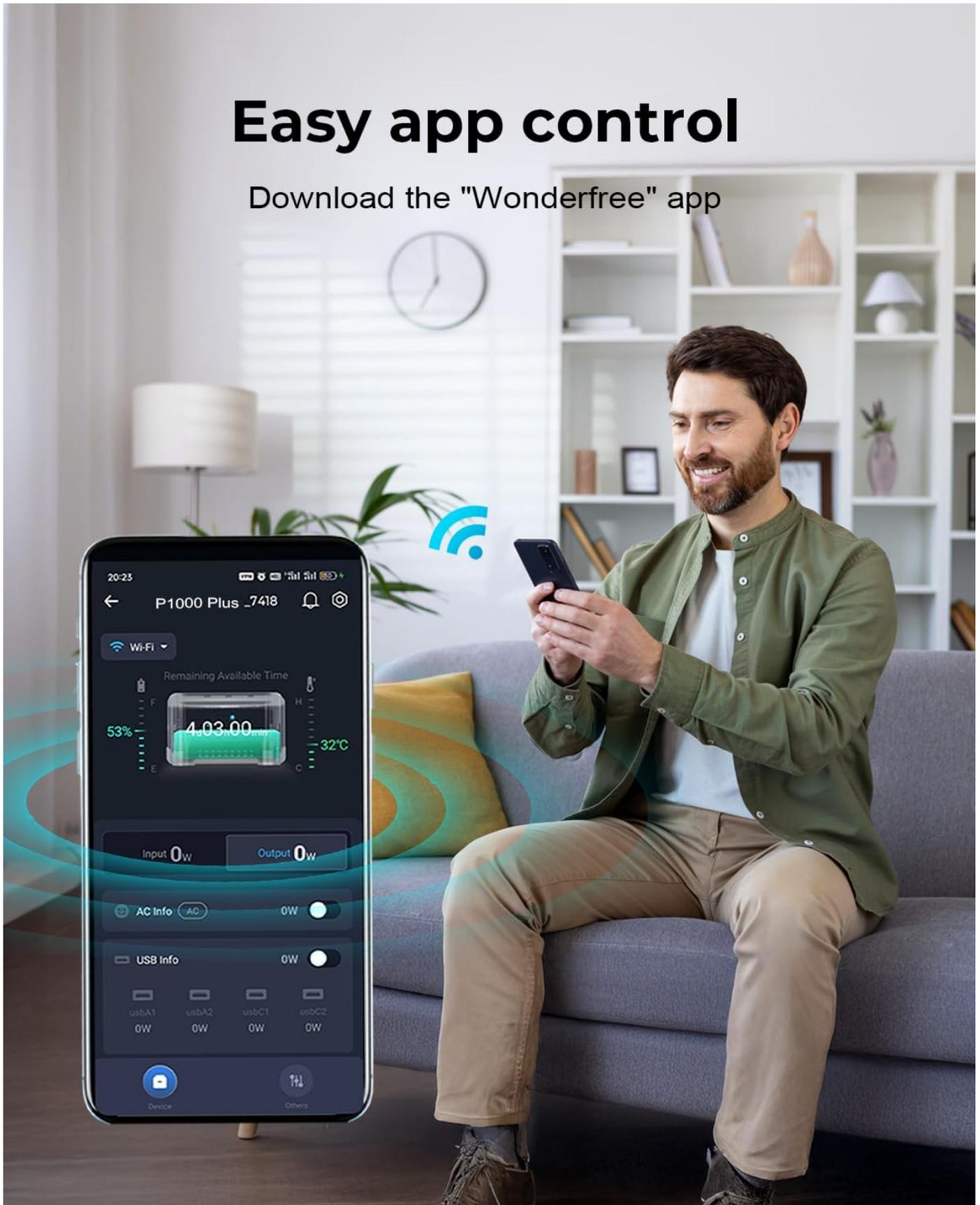


Image: OUKITEL P1000 Plus connected for AC charging.

OPERATING INSTRUCTIONS

Powering On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. The display screen will illuminate upon activation.

Charging the Power Station

- **AC Charging:** Connect the AC charging cable to the power station and a wall outlet. The unit supports 1200W fast charging.
- **Solar Charging:** Connect the 200W solar panel (or other compatible solar panels up to 500W) using the solar charging cable. Ensure panels are in direct sunlight for optimal charging.
- **Car Charging:** Use the car charging cable to connect the power station to your vehicle's 12V cigarette lighter port.
- **AC + Solar Charging:** For the fastest charging, combine AC and solar inputs.

10 ms Seamless UPS Backup Power

Screen

File Server

Router

Computer



The P1000 PLUS Powerstation provides instant backup power (within 10 ms) to your computer, washing machine, and refrigerator during outages. Perfect for unexpected power failures, especially when you're not at home.

Image: Various charging methods for the OUKITEL P1000 Plus.

Using Output Ports

To use a specific output type (AC, DC, USB), press the corresponding button (AC, DC, USB) on the power station to activate it. The display will show active outputs.

- **AC Outlets:** Plug in standard household appliances. The P1000 Plus provides 1800W continuous power.
- **USB Ports:** Connect USB devices for charging. Includes USB-A Quick Charge 3.0 and USB-C Power Delivery ports.
- **DC Outlets & Cigarette Lighter:** Use for 12V DC powered devices.

10 ms seamless UPS protection

The P1000 PLUS Power Station with built-in Uninterruptible Power Supply (UPS) delivers emergency backup power to your computer, washing machine, and refrigerator within **just 10 ms** during a power outage. Perfect for unexpected blackouts—especially when you're away from home.

Power On

Power Outage

The image shows a man sitting at a desk with a computer. In the 'Power On' scene, the power station is plugged into the wall outlet and the computer is on. In the 'Power Outage' scene, the power station is plugged into a power strip, and the computer is still on, indicating the UPS is providing backup power.

Image: Optimized and versatile output ports on the OUKITEL P1000 Plus.

Smart App Control

After downloading the "Wonderfree" app, connect your smartphone to the power station via Wi-Fi or Bluetooth. The app allows you to:

- Monitor real-time power levels, input, and output.
- Adjust charging speeds.
- Check battery temperature.

Advanced Battery Technology for Safety & Longevity

LFP Battery
Durable & Rugged Design



10-Year Lifespan 70% Capacity Retained After 4,000 Cycles



Smart & Secure BMS Protection System



CE, FCC, PSE, UN38.3, EMC, LVD, RoHS, MSDS



Image: Easy app control interface for the OUKITEL P1000 Plus.

Uninterruptible Power Supply (UPS) Function

When the P1000 Plus is connected to an AC wall outlet and also has devices plugged into its AC outputs, it functions as a UPS. In case of a power outage, the unit will automatically switch to battery power within 0.01 seconds, ensuring continuous operation for connected devices.



Image: OUKITEL P1000 Plus providing seamless UPS backup power.

LED Lighting Modes

The power station includes an integrated LED light with three modes: steady illumination, SOS signal, and flashing. Press the dedicated LED button to cycle through these modes.

Ultra-quiet **29 dB** < **500W**
Keep your sleep peacefully



Image: OUKITEL P1000 Plus used for quiet, portable power during camping.

MAINTENANCE

- **Cleaning:** Use a dry, soft cloth to clean the exterior of the power station. Do not use abrasive cleaners or immerse the unit in water.
- **Storage:** Store the power station in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, charge the unit to approximately 50-80% every 3-6 months to preserve battery health.
- **Battery Care:** Avoid fully discharging the battery frequently. While LiFePO4 batteries are robust, maintaining a charge above 20% when possible can extend overall lifespan.
- **Ventilation:** Ensure the ventilation openings are clear and unobstructed during operation to prevent overheating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not power on	Battery is fully discharged; Power button not pressed correctly.	Charge the unit via AC. Press and hold the power button firmly for 3-5 seconds.
No output from AC/DC/USB ports	Output port not activated; Device draws too much power; Overload protection triggered.	Press the corresponding AC/DC/USB button to activate. Check device wattage. Disconnect device, restart unit.
Slow charging speed	Low input power (e.g., cloudy weather for solar); Charging cable issue.	Ensure strong input source. Use original charging cables. Consider combined AC+Solar charging.
App not connecting	Bluetooth/Wi-Fi off; App not updated; Unit too far from phone.	Ensure Bluetooth/Wi-Fi is enabled. Update app. Move phone closer to the unit. Restart app/unit.

TECHNICAL SPECIFICATIONS

- **Model Name:** P1000 Plus+PV200
- **Brand:** OUKITEL
- **Battery Type:** LiFePO4
- **Capacity:** 1024Wh
- **AC Output:** 1800W (3600W Peak)
- **AC Input:** 1200W (Fast Charging)
- **Solar Input:** Up to 500W
- **USB-A Output:** 2x Quick Charge 3.0 (18W each)
- **USB-C Output:** 1x PD 20W, 1x PD 100W
- **DC Output:** 2x DC outlets, 1x Cigarette Lighter (12V)
- **UPS Switching Time:** 0.01s
- **Dimensions:** 12.99"L x 8.66"W x 9.05"H
- **Weight:** 25 Pounds
- **Material:** Aluminum, Plastic

VISUAL GUIDES

OUKITEL P1000 Plus Power Station Overview

Your browser does not support the video tag.

Video: A brief demonstration of the OUKITEL P1000 Plus Portable Power Station, showcasing its use for home and camping scenarios.

P1000 Plus 1800W Solar Generator Features

Your browser does not support the video tag.

Video: An overview of the OUKITEL P1000 Plus 1800W Solar Generator, highlighting its key functionalities and benefits.

WARRANTY AND SUPPORT

The OUKITEL P1000 Plus Portable Power Station comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures free repairment within the warranty period.

Support Information:

- **Return/Replacement Policy:** Eligible for worry-free return/replacement within 30 days of purchase.
- **Repair Service:** Free repairment within two years from the order date. Contact OUKITEL customer service to obtain a return label for repairs.
- **Repair Duration:** Typically takes 1-2 weeks to complete. Note: Water damage due to deliberate human factor is not covered under free repairment.
- **Geographic Coverage:** Repair services are available in the USA and Western Europe.

For further assistance or inquiries, please contact OUKITEL Official US customer service.