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OUKITEL P1000PLUS

OUKITEL P1000 Plus Portable Power Station User Manual

Model: P1000 Plus

1. Introduction

The OUKITEL P1000 Plus is a versatile portable power station designed to provide reliable power for various applications, from outdoor adventures to home emergency backup. Featuring a 1024Wh LiFePO4 battery and 1800W AC output, it offers fast charging, multiple output ports, and smart control capabilities.

Package Contents

- 1x OUKITEL P1000 Plus Portable Power Station
- 1x AC Charging Cable
- 1x Solar Charging Cable



Figure 1: OUKITEL P1000 Plus Portable Power Station. This image shows the main unit with its display and various ports.

2. Setup

Initial Charging

Before first use, fully charge your OUKITEL P1000 Plus. The unit supports fast AC charging, reaching 80% in approximately 45 minutes and 100% in 70 minutes. Use the provided AC charging cable to connect the power station to a standard wall outlet.

Solar Charging

The P1000 Plus can also be charged using solar panels (sold separately). It supports up to 500W solar input, allowing a full charge in approximately 2.3 hours under optimal sunlight conditions. Use the provided solar charging cable to connect compatible solar panels to the power station.

Video 1: Solar Panel Assembly and Connection. This video demonstrates the process of unfolding and connecting solar panels to a portable power station for charging.

Figure 2: Solar Charging Setup. The image shows the OUKITEL P1000 Plus connected to a solar panel for outdoor charging.

3. Operating Instructions

Powering On/Off

Press and hold the main power button to turn the unit on or off. The LCD display will illuminate, showing battery status and output information.

Output Ports

The P1000 Plus features 11 output ports to power various devices:

- 4x AC Outlets (1800W total, 3600W peak)
- 2x USB-A Ports
- 1x USB-C PD 100W Port
- 1x USB-C PD 20W Port
- 2x DC 36W Ports
- 1x 120W DC Cigarette Lighter Socket

Press the corresponding ON/OFF button for each output group (AC, DC, USB) to activate them. The unit provides stable pure sine wave output to protect sensitive electronics.



Figure 3: Port Layout. This image provides a detailed view of all the output ports available on the OUKITEL P1000 Plus.

Uninterruptible Power Supply (UPS) Function

The P1000 Plus can act as an Uninterruptible Power Supply (UPS) with a 10ms switchover speed. Connect your critical devices (e.g., PCs, networks, medical equipment) to the AC outlets. In case of a power outage, the unit will automatically switch to battery power, preventing interruptions.

Figure 4: UPS Functionality. The image illustrates the power station providing seamless backup power to a computer during a power

interruption.

Smart App Control

Connect the P1000 Plus to the dedicated smart application (e.g., "Wonderfree" as mentioned in some promotional materials) on your mobile device. This allows for real-time battery status monitoring, control over charging modes, and adjustment of various functions remotely.

Figure 5: App Control Interface. This image shows the mobile application used to monitor and control the power station.

LED Light Function

The unit includes a multifunction LED light with 3 modes: fixed, SOS, and flashing. This is useful for camping, emergency lighting, or as a signal light.



Figure 6: LED Light in Use. The power station's LED light illuminates a camping scene, demonstrating its utility.

4. Maintenance

Battery Care

The OUKITEL P1000 Plus uses a LiFePO4 battery, known for its longevity and safety. It offers up to 4000 charge cycles, providing a lifespan of up to 10 years with regular use. To maximize battery life, store the unit in a cool, dry place and recharge it periodically if not in use for extended periods.

Figure 7: LiFePO4 Battery Technology. This image highlights the durable and safe LiFePO4 battery structure and the integrated BMS.

Safety Features

The integrated Smart Battery Management System (BMS) protects the unit and connected devices against:

- Overcurrent
- Overvoltage
- Deep Discharge

- Over-temperature
- Short Circuit

Always ensure proper ventilation during operation and charging. Avoid exposing the unit to extreme temperatures or direct moisture.

5. Troubleshooting

Unit Not Powering On

- Ensure the battery is charged. Connect to an AC outlet and check the display.
- Press and hold the main power button for a few seconds.

No Output from Ports

- Verify that the specific output group (AC, DC, USB) is turned on using its dedicated button.
- Check if the connected device is functioning correctly.
- Ensure the total power draw does not exceed the unit's maximum output (1800W continuous, 3600W peak).

Slow Charging

- For AC charging, ensure you are using the original cable and a stable power source.
- For solar charging, ensure panels are in direct sunlight and free from obstructions. Check cable connections.

If issues persist, refer to the warranty and support information.

6. Specifications

Feature	Detail
Brand	OUKITEL
Model	P1000 Plus
Battery Type	LiFePO4
Capacity	1024Wh
AC Output Power	1800W (3600W Peak)
Total Outlets	11
AC Charging Time (0-80%)	45 minutes
AC Charging Time (0-100%)	70 minutes
Max Solar Input	500W
Product Dimensions	34.6L x 22.8W x 23.8H cm
Weight	12 kg
UPS Switchover Speed	10 ms

7. Warranty and Support

Manufacturer Warranty

The OUKITEL P1000 Plus comes with a**2-year manufacturer warranty**. Please retain your proof of purchase for warranty claims.

Customer Support

OUKITEL is committed to providing reliable support. For any questions, technical assistance, or warranty inquiries, please contact OUKITEL customer service. OUKITEL offers localized service in 137 countries.
For more information, visit theOUKITEL Brand Store.

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Example: How do I reset this device or fix this error?

Details

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Submit question

Answered questions about this manual

Why is there no output power on my OUKITEL P1000 Plus when the AC button turns on and off and the screen shows no error?

If your OUKITEL P1000 Plus AC button is turning on and then immediately off without an error code, please check the following troubleshooting steps based on the user manual: Check the Load: Ensure the...

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