

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [Keenergy](#) /

› [OUKITEL P2001 Plus 2400W/2048Wh Solar Power Station User Manual](#)

Keenergy P2001 PLUS

OUKITEL P2001 Plus Solar Power Station User Manual

Brand: Keenergy | Model: P2001 PLUS

1. INTRODUCTION

The OUKITEL P2001 Plus is a high-capacity portable power station designed to provide reliable power for various scenarios, from home emergencies to outdoor adventures. With its robust 2048Wh LiFePO4 battery and 2400W AC output, it can power a wide range of electronic devices and appliances. This manual provides essential information on setup, operation, maintenance, and troubleshooting to ensure safe and efficient use of your power station.



The OUKITEL P2001 Plus Solar Power Station, shown with accompanying solar panels and a mobile app interface.

2. WHAT'S IN THE BOX

Upon receiving your OUKITEL P2001 Plus, please verify that all components are included:

- OUKITEL P2001 Plus portable power station
- 2 x 200W Solar Panels (Note: Power station and solar panels may be delivered in separate packages due to weight.)
- AC charging cable
- Car charging cable
- Solar charging cable
- User manual

Long-Lasting Lithium Iron Phosphate Battery

Built in LiFePO4 Battery Supply for up to **15Years** Reusable **3500+** times, exceeding industry standards

All included accessories for the OUKITEL P2001 Plus power station.

3. SETUP

3.1 Initial Charging

Before first use, it is recommended to fully charge the OUKITEL P2001 Plus. You can charge it using the AC charging cable, car charging cable, or solar panels.

1. **AC Charging:** Connect the AC charging cable to the power station's AC input port and then to a standard wall outlet. The unit supports 1800W AC charging, reaching 80% capacity in 1 hour and a full charge in 1.5 hours.
2. **Solar Charging:** Connect the solar charging cable to the power station and your solar panels (11.5V to 48V, max. 500W). For optimal performance, OUKITEL 200W solar panels are recommended.
3. **Car Charging:** Use the car charging cable to connect the power station to your vehicle's cigarette lighter socket (12V/24V).

1.2-hour fast charging

AC CHARGING Adjustable Power for Charging (300W, 500W, 700W, 900W, 1100W)



The power station can be charged efficiently using solar panels.

3.2 Mobile App Connection

Control and monitor your OUKITEL P2001 Plus remotely via the mobile app. The app connects using Bluetooth or WiFi.

1. Download the official OUKITEL app from your device's app store.
2. Enable Bluetooth or connect to the power station's WiFi network as prompted by the app.
3. Follow the in-app instructions to pair your device and gain full control over input/output and monitor remaining power.

SMART APP FOR COMPLETE POWER CONTROL



Manage Remotely



Check Real-Time Stats



Connect to Bluetooth /Wi-Fi



Remote control and monitoring are available through the dedicated mobile application.

4. OPERATING INSTRUCTIONS

4.1 Powering Devices

The OUKITEL P2001 Plus offers 2400W rated power and 2048Wh capacity, capable of powering 99% of common electrical appliances. It features 13 versatile outlets:

- 4 x AC outlets

- 2 x USB-A Quick Charge 3.0 ports
- 4 x USB-C PD ports (20W, 45W, 100W)
- 2 x DC outlets
- 1 x Cigar lighter port

Simply plug your devices into the appropriate ports and activate the desired output (AC, DC, USB) on the power station's control panel.



The power station supports a wide array of electrical appliances.

4.2 Uninterruptible Power Supply (UPS) Function

The UPS function provides seamless power during outages. Connect the power station between your wall socket and the electrical appliance. In the event of a power failure, the UPS will activate within 0.01 seconds, ensuring continuous operation of connected devices.

Important Note:

- For U.S. and JPN standards, the maximum AC output in UPS mode is 1400W. Exceeding this will cause the AC output icon to flash, indicating overload.
- For CN, UK, EU, and KR standards, the maximum AC output in UPS mode is 2000W. Exceeding this will cause the AC output icon to flash, indicating overload.

Supports more than 99% of electrical appliances



The UPS function provides uninterrupted power during outages.

4.3 Fast Charging Capabilities

The P2001 Plus offers multiple fast charging options:

- **AC Charging:** 0-100% in 80 minutes with 1800W input.
- **Solar Charging:** 0-100% in 80 minutes (with sufficient solar input).
- **Combined AC + Solar:** Up to 2300W input, achieving 80% battery capacity in just 50 minutes and a full charge in 80 minutes.

FAST AC CHARGING

Adjustable Power for Charging (400W, 800W, 1200W, 1800W)



1800W AC Charging
80% within 1h



2*200W Solar Panel Charging
80% within 4h



+



AC + Solar Panel Charging
100% within 1.35h



Multiple fast charging options are available for convenience.

4.4 Product Overview



Front and rear view of the OUKITEL P2001 Plus, highlighting its various ports and controls.

4.5 Usage Scenarios

The OUKITEL P2001 Plus is designed for diverse applications:

- **Outdoor Camping:** Power your camping lights, portable refrigerators, and cooking appliances.
- **Home Backup Power:** Keep essential appliances running during power outages.
- **Outdoor Working Electricity:** Provide power for tools and equipment at remote job sites.



The power station is suitable for various applications, including camping, home backup, and outdoor work.

4.6 Product Video

Official video from Oukitel Flagship Store demonstrating the features and uses of a similar OUKITEL portable power station (P1000 Plus model shown).

5. SPECIFICATIONS

Feature	Detail
Brand	Keenergy
Model Name	P2001 PLUS
Wattage	2400 watts

Output Wattage	2400
Voltage	110 Volts
Fuel Type	Electric
Power Source	AC/DC
Item Weight	48 Pounds
Product Dimensions	13.9"L x 11.6"W x 16"H
Battery Capacity	60000 Amp Hours (2048Wh)
Special Feature	Fast Charging, Portable
Recommended Uses	Camping, Commercial, Home, Residential
Included Components	2*200W Solar Panels, AC charging cable, Car charging cable, P2001 Plus power station, Solar charging cable

Compact design weighs easily and can be lifted easily

Powers **13** devices simultaneously - in a size similar to a microwave



The compact design and integrated handles make the P2001 Plus easy to transport.

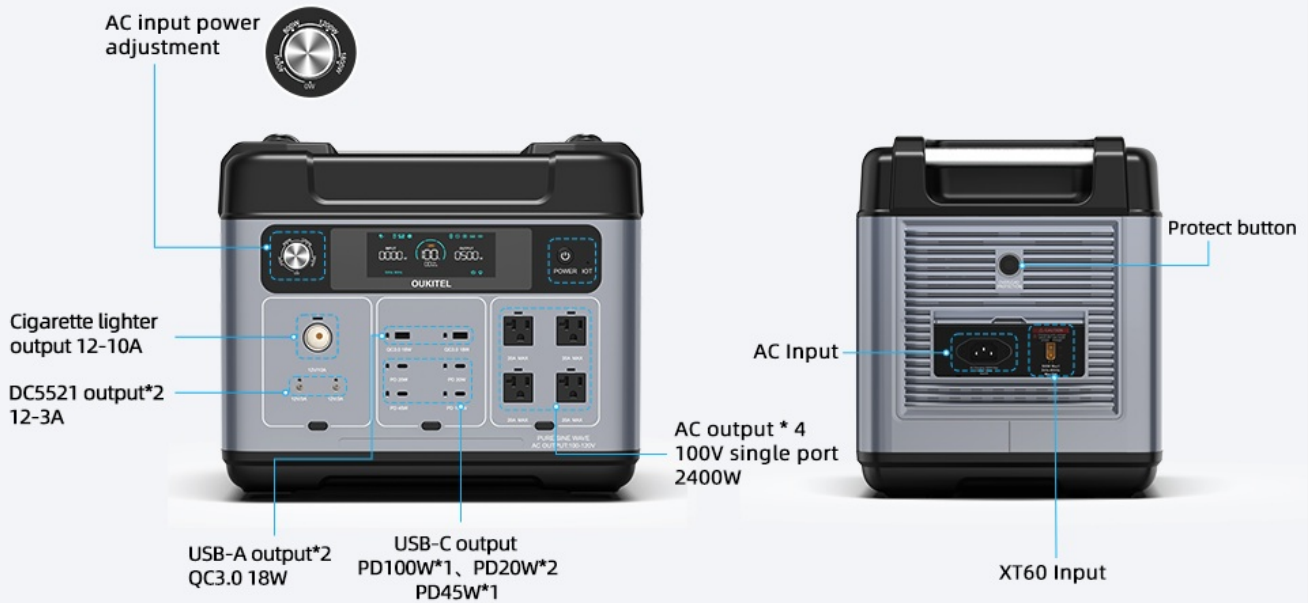
6. MAINTENANCE

The OUKITEL P2001 Plus utilizes a high-quality LiFePO4 battery, known for its longevity and stability, offering over 3500 charge/discharge cycles. This significantly reduces the need for frequent battery replacement or extensive maintenance.

- Store the power station in a cool, dry place away from direct sunlight and extreme temperatures.

- Ensure the unit is fully charged at least once every 3-6 months if not in regular use to preserve battery health.
- Keep the ventilation openings clear of dust and debris to ensure proper airflow.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.

Detailed product introduction



The power station is built with a durable LiFePO4 battery for extended lifespan.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your OUKITEL P2001 Plus.

Problem	Possible Cause	Solution
AC output icon flashing / Overload indication	Connected appliance exceeds the maximum output in UPS mode.	Reduce the load by disconnecting high-power appliances. Ensure total wattage is below 1400W (US/JPN) or 2000W (CN/UK/EU/KR) in UPS mode.
Power station not charging	Charging cable not properly connected, power source issue, or unit is already full.	Check all cable connections. Verify the power source is active. Confirm the battery level on the display.
No power output from ports	Output port not activated, low battery, or device compatibility issue.	Ensure the specific output (AC/DC/USB) is turned on. Check battery level and recharge if necessary. Verify device power requirements are within the power station's limits.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

The OUKITEL P2001 Plus comes with a 5-year manufacturer's warranty. Please retain your proof of purchase for

warranty claims.

8.2 Customer Support

For any technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the Oukitel Flagship Store directly through your purchase platform or refer to the contact information provided in the included user manual.