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## YOYOSCX P2001 Plus

# OUKITEL P2001 Plus 2400W Solar Generator User Manual

Model: P2001 Plus | Brand: YOYOSCX

## 1. PRODUCT OVERVIEW

The OUKITEL P2001 Plus is a high-capacity portable power station designed to provide reliable electricity for various applications, including home emergency backup, outdoor activities, and professional work sites. Featuring a robust LiFePO4 battery and multiple output options, it ensures your devices remain powered wherever you are.



Image: The OUKITEL P2001 Plus Solar Generator is capable of powering a wide range of home appliances, suitable for 99% of typical household power needs.

## 2. WHAT'S IN THE BOX

Upon unboxing your OUKITEL P2001 Plus, please verify that all the following components are included:

- OUKITEL P2001 Plus Power Station
- 200W Solar Panel
- AC Charging Cable
- Car Charging Cable
- Solar Charging Cable
- User Manual

*Note: Due to the product's weight, the power station and solar panels may be delivered in separate packages.*

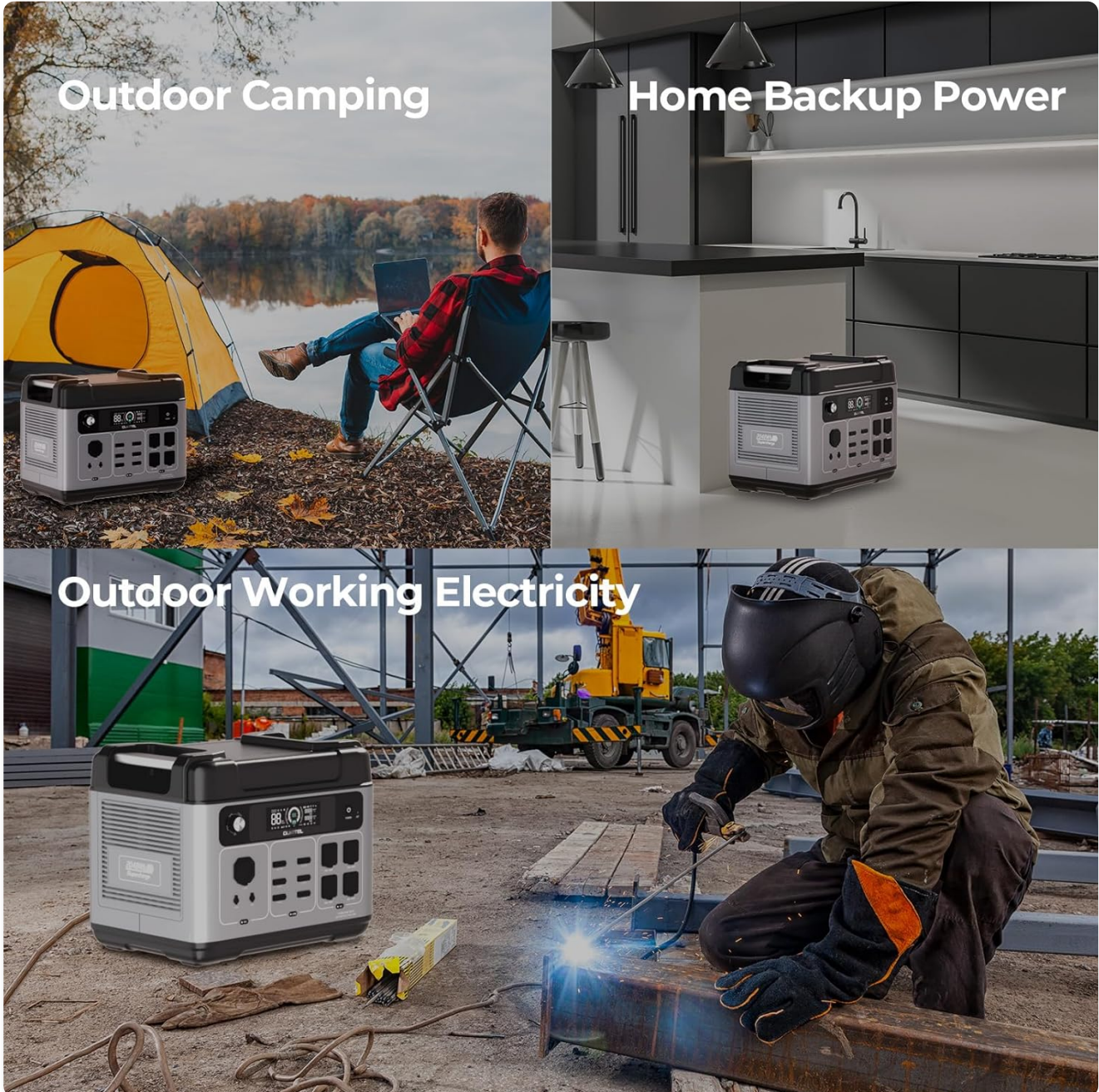


Image: A visual representation of the OUKITEL P2001 Plus power station and its accompanying cables and solar panel.

## 3. SETUP

### 3.1 Initial Charging

Before first use, fully charge your OUKITEL P2001 Plus. You can use the included AC charging cable for fast charging from a wall outlet, or connect the solar panel for solar charging.

## 3.2 Connecting the Solar Panel

To charge using the solar panel, unfold the panel and position it in direct sunlight. Connect the solar charging cable to the solar panel and then to the designated solar input port on the power station. The LCD screen will indicate solar input.

Your browser does not support the video tag.

Video: Demonstrates the process of connecting the OUKITEL P2001 Plus to solar panels for charging.

## 3.3 App Control Setup

The OUKITEL P2001 Plus can be controlled via a mobile application. Follow these steps to set up app control:

1. **Download the App:** Search for "Wonderfree" (for most regions) or "Landbook" (for US/Canada) in your device's app store (App Store for iOS, Google Play Store for Android).
2. **Register and Log In:** Open the app, register using your email, set a password, and log in. Ensure your selected country matches your registration country.
3. **Enable Bluetooth & Location:** The app requires Bluetooth and location access. Enable these permissions on your phone.
4. **Activate IoT Mode:** On the P2001 Plus power station, use a pin to press and hold the "IOT" hole on the power panel until you hear a "beep" sound. The network configuration icon on the LCD screen will start blinking.
5. **Connect Device:** In the app, click the "+" button in the top right corner and select "Detect Nearby Devices." The app will display a list of configurable devices. Click the "+" button next to your P2001 Plus.
6. **Configure Wi-Fi:** Enter the Wi-Fi account and password your portable station is connected to, click "Next," and wait for the progress bar to complete loading.
7. **Finish Setup:** Once configured, the interface will display the product device. Select "Finish." You can optionally edit the device name.

Your browser does not support the video tag.

Video: A step-by-step guide on how to set up and connect the OUKITEL Solar Generator to its mobile application.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Powering On/Off

Press the **POWER** button on the front panel to turn the unit on or off. The LCD display will illuminate upon activation.

### 4.2 Using AC Outlets

The P2001 Plus features 4 AC outlets, providing a continuous output of 2400W (5000W peak). These outlets deliver pure sine wave power, suitable for sensitive electronics. To activate AC output, press the **AC** button on the front panel. The LCD screen will show the AC output status.

### 4.3 Using DC and USB Outlets

The unit includes 2 DC outlets, 2 USB-A Quick Charge 3.0 ports, and 4 USB-C PD ports (20W, 45W, 100W). To activate DC or USB output, press the respective **DC** or **USB** buttons. The LCD screen will display the output status for each section.

### 4.4 Adjustable AC Input Power

The P2001 Plus allows you to adjust the AC input power from 400W to 1800W using the dedicated knob on the front panel. This feature helps prevent damage from unstable voltage and allows for flexible charging schedules.

# WEIGHT: 47.4lbs



## What's in the box

- Power Station
- AC Charging Cable
- Car Charging Cable
- XT90 to MC4
- User Manual

## Available Outlets

- USB-A X2
- TYPE-C X2
- TYPE-C X1
- DC output X2
- Cigarette port X1
- XT60 X1

Image: The adjustable knob for controlling AC input power from 400W to 1800W.

### 4.5 Emergency Power Supply (EPS)

In the event of a power outage, the EPS function provides uninterrupted power within 0.01 seconds, ensuring continuity for essential devices.

### 4.6 App Control

Once connected, use the mobile app to monitor remaining power, control input/output, and manage various settings of your P2001 Plus via Bluetooth or Wi-Fi.

## 4 CHARGING METHODS

**CHARGING VIA SOCKET**  
(1100 WATTS MAXIMUM)  
FULLY CHARGED ABOUT 2 HOURS

**CHARGE WITH SOLAR PANELS**  
(MAXIMUM 500W)  
200W\*2 ABOUT 6-7 HOURS

**CIGAR CHARGING**  
(120W)  
FULL CHARGE TIME ABOUT 7 HOURS

**AC POWER SUPPLY (1100W AND SOLAR PANEL)**  
MAX 500V  
FULL CHARGE TIME APPROX 1.5 HOURS



Image: A smartphone displaying the OUKITEL app interface, allowing users to customize and monitor their power experience.

## 5. CHARGING METHODS

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The OUKITEL P2001 Plus offers multiple charging options:

- **AC Charging:** Achieve 80% battery capacity in 1 hour and a full charge in 1.5 hours with 1800W AC input.
- **Solar Charging:** Supports up to 1000W solar input. With a 200W solar panel, 80% charge can be reached within 4 hours.
- **AC + Solar Charging:** Combine inputs up to 2300W to reach 80% in 50 minutes and a full charge in 80 minutes.
- **Car Charging:** Use the included car charging cable to recharge from your vehicle's 12V/24V outlet.



Image: The OUKITEL P2001 Plus being charged simultaneously by AC power and solar panels in an outdoor setting.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your OUKITEL P2001 Plus:

- **Regular Charging:** If the product is not used for a long time, charge it to 100% every three months to maintain battery health.
- **Storage:** Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a dry, soft cloth to clean the exterior. Do not use harsh chemicals or abrasives.
- **Battery Lifespan:** The built-in LiFePO4 battery is designed for over 3500 charge/discharge cycles, offering a lifespan of up to 15 years.

## Supports more than 99% of electrical appliances



Image: An internal diagram highlighting the durable LiFePO4 battery and Battery Management System (BMS) for enhanced safety and efficiency.

## 7. TROUBLESHOOTING

If you encounter issues with your P2001 Plus, refer to the following common solutions:

- **No Power Output:** Ensure the unit is powered on and the respective AC/DC/USB output buttons are activated. Check the battery level on the LCD display.
- **Charging Issues:** Verify that charging cables are securely connected. For solar charging, ensure the solar panel is in direct sunlight and free from obstructions. Check the input wattage displayed on the LCD.
- **Overload Protection:** If an overload occurs, the unit will automatically shut down. Disconnect the overloaded device and restart the power station.
- **App Connectivity:** Ensure Bluetooth and Wi-Fi are enabled on your phone and the power station. Re-attempt the device connection process if issues persist.

## 8. SPECIFICATIONS

Feature	Specification
Model Name	P2001 Plus
Battery Type	LiFePO4
Capacity	2048Wh (51.2V)
AC Output	2400W (5000W Peak), Pure Sine Wave
AC Input	100-120V/1800W Max (Adjustable 400W-1800W)
Solar Input (PV/DC)	12-60V/15A (500W Max)

Feature	Specification
USB-A Output	2x QC3.0 18W
USB-C Output	2x PD20W, 1x PD45W, 1x PD100W
DC Output	2x 12V/3A
Cigar Lighter Output	1x 12V/10A
UPS Mode	Rated 1400W (<0.01s switch)
Dimensions (LWH)	11.3" x 12.6" x 15.7" (286 x 320 x 399mm)
Weight	49 lbs (22.23 kg)

## 9. WARRANTY & SUPPORT

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The OUKITEL P2001 Plus comes with a **2-year manufacturer warranty**. For warranty claims, technical support, or any product-related inquiries, please refer to the contact information provided in the full user manual included with your product. You can also visit the official YOYOSCX store on Amazon for further assistance.