

OUKITEL FR-P2001 Plus

OUKITEL P2001 Plus Portable Power Station User Manual

Model: FR-P2001 Plus | Brand: OUKITEL

1. INTRODUCTION

The OUKITEL P2001 Plus is a high-capacity portable power station designed to provide reliable power for various applications, including home backup, outdoor camping, and emergency situations. It features a 2048Wh LiFePO4 battery and delivers a continuous output of 2400W (4800W peak).

This manual provides essential information on the safe and efficient use of your P2001 Plus power station. Please read it thoroughly before operation and retain it for future reference.

2. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- 1 x OUKITEL P2001 Plus Solar Generator
- 1 x AC Charging Cable
- 1 x Car Charging Cable
- 1 x Solar Charging Cable

3. PRODUCT OVERVIEW

The OUKITEL P2001 Plus is equipped with multiple output ports to accommodate a wide range of devices.

Alimentez **13** appareils à la fois



Top-down view of the OUKITEL P2001 Plus displaying its multiple output ports, including 4 AC 2400W, USB-C, USB-A, DC, and a 120W car charger, capable of powering 13 devices simultaneously.

Output Ports:

- 4 x AC 2400W Outlets
- 2 x USB-C 20W Ports
- 1 x USB-C 45W Port
- 1 x USB-C 100W Port
- 2 x USB-A 12W Ports
- 2 x DC 36W Ports
- 1 x 120W Car Charger Outlet

4. SETUP

4.1 Initial Charge

Before first use, fully charge the P2001 Plus. This ensures optimal battery performance and calibration. Use the provided AC charging cable for the fastest charge.

4.2 Placement and Ventilation

Place the power station on a stable, flat surface. Ensure adequate ventilation around the unit to prevent overheating. Do not block the ventilation openings.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

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

5.2 Connecting Devices

Connect your devices to the appropriate output ports (AC, USB, DC). Ensure the total power consumption of connected devices does not exceed the P2001 Plus's rated output of 2400W.



The OUKITEL P2001 Plus can power various household appliances like a microwave, coffee maker, refrigerator, mixer, and TV, indicating estimated run times.

5.3 Understanding the Display

The integrated display provides real-time information including battery percentage, input power, output power, and active port indicators.

5.4 Uninterruptible Power Supply (UPS) Function

The P2001 Plus features a reliable UPS function. When connected to a wall outlet and powering devices, it can automatically switch to battery power within 0.01 seconds in the event of a power outage, ensuring continuous operation for critical electronics.

UPS fiable

Prise murale

Les PC et autres appareils électroménagers sont chargés par le **P2001 Plus** en **0,01** seconde.



Panne de courant



L'onduleur fonctionne automatiquement en cas de panne de courant



This diagram illustrates the OUKITEL P2001 Plus acting as a reliable UPS, automatically switching to battery power in 0.01 seconds during a power outage to keep connected devices like a PC running.

6. CHARGING THE P2001 PLUS

The P2001 Plus offers multiple charging methods to suit your needs.

4 méthodes de charge



Recharge CA



Recharge
solaire



Recharge
de voiture



Recharge CA + solaire



The OUKITEL P2001 Plus in an outdoor setting with solar panels, illustrating its four charging methods: AC charge, solar charge, car charge, and combined AC + solar charge.

6.1 AC Charging (Ultra-Fast)

Connect the provided AC charging cable to a standard wall outlet. The P2001 Plus supports ultra-fast charging, reaching 0-80% in approximately 40 minutes and 0-100% in 85 minutes.

Charge ultra-rapide

Obtenez 2048Wh en 85 min
via la charge CA

0-80% in 40 min

0-100% in 85 min



The OUKITEL P2001 Plus showing ultra-fast charging capabilities, reaching 80% in 40 minutes and 100% in 85 minutes via AC charge.

6.2 Intelligent AC Charge Adjustment

You can adjust the AC input power from 400W to 1800W using the dedicated dial. Choosing a slower charge rate can help extend the battery's lifespan and potentially reduce electricity costs.

Réglage intelligent de la charge CA



Choisissez la charge lente pour prolonger la durée de vie de la batterie et économiser sur les coûts d'électricité

The OUKITEL P2001 Plus connected to a wall outlet, illustrating the intelligent AC charge adjustment feature with a dial for power input (400W to 1800W) and a recommendation for slow charging to extend battery life.

6.3 Solar Charging

Connect compatible solar panels (not included) to the solar input port using the provided solar charging cable. Ensure the solar panels are positioned to receive maximum sunlight for efficient charging.

6.4 Car Charging

Use the car charging cable to connect the P2001 Plus to your vehicle's 12V cigarette lighter port. This method is suitable for charging while on the go.

6.5 AC + Solar Charging

For the fastest possible recharge, combine AC and solar charging simultaneously.

7. MAINTENANCE

7.1 Storage

Store the P2001 Plus in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term

storage, it is recommended to discharge the unit to about 50% and recharge it every 3-6 months to maintain battery health.

7.2 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.

7.3 Battery Care

The P2001 Plus uses a LiFePO4 battery, known for its long cycle life. Avoid fully discharging the battery frequently, as this can reduce its overall lifespan. Operate the unit within its specified temperature range.

8. TROUBLESHOOTING

8.1 Unit Not Turning On

- Ensure the battery is not completely depleted. Charge the unit.
- Press and hold the power button firmly for a few seconds.

8.2 No Output from Ports

- Check if the specific output port (AC, USB, DC) is activated. Some ports may have individual power buttons.
- Verify that the connected device is functioning correctly and its power consumption is within the power station's limits.
- If an overload occurs, the unit may automatically shut down. Disconnect devices, restart the unit, and connect fewer devices.

8.3 Slow Charging

- For AC charging, check the intelligent charge adjustment setting. A lower setting will result in slower charging.
- For solar charging, ensure solar panels are clean, unobstructed, and receiving direct sunlight.
- Environmental temperature can affect charging speed.

9. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	OUKITEL
Model Number	FR-P2001 Plus
Wattage (Continuous)	2400 Watts
Wattage (Peak)	4800 Watts
Capacity	2048Wh
Fuel Type	Solar Energy

Feature	Specification
Power Source	Solar Powered
Recommended Uses	Camping, Domestic, Industrial
Special Feature	Energy Efficient
Total Electrical Outlets	4 (AC)
Engine Type	Renewable (Solar)
Run Time	2 hours (at 2400W continuous load)
Product Dimensions (L x W x H)	40L x 28W x 32H centimeters

10. WARRANTY AND SUPPORT

10.1 Warranty Information

The OUKITEL P2001 Plus comes with a **2-year warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact OUKITEL customer support. OUKITEL offers premium customer service with 24/7 assistance and a team of over 100 expert specialists.

Refer to the official OUKITEL website or your purchase documentation for specific contact details.