

## OUKITEL P2001E Pro

# OUKITEL P2001E Pro Portable Power Station

## USER MANUAL

### 1. INTRODUCTION AND SAFETY INFORMATION

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Thank you for choosing the OUKITEL P2001E Pro Portable Power Station. This device is designed to provide reliable power for various applications, including camping, RV travel, and emergency backup. Please read this manual carefully before operating the unit to ensure safe and optimal performance. Keep this manual for future reference.

#### Important Safety Instructions

- Do not disassemble, repair, or modify the unit. Incorrect assembly may cause fire, explosion, or injury.
- Do not expose the unit to fire or high temperatures (above 60°C/140°F).
- Do not use or store the unit in bathrooms or areas exposed to water or rain.
- Do not use the unit in strong static electricity or strong magnetic fields.
- Do not use accessories or chargers not specified by OUKITEL.
- Do not block the ventilation openings. Ensure adequate airflow around the unit.
- Keep the unit out of reach of children and pets.
- In case of fire, use a dry powder fire extinguisher. Do not use water.

### 2. PRODUCT OVERVIEW

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The OUKITEL P2001E Pro is a high-capacity portable power station featuring a 3200W continuous output (6400W peak) and a 2048Wh LiFePO4 battery. It offers multiple charging options and output ports to power a wide range of devices.

# OUKITEL

## P2001E-Pro

**Generador portátil: simplicidad y seguridad**

**3200W de potencia continua y 2048Wh de capacidad**



OUKITEL P2001E Pro Portable Generator: simplicity and security. 3200W continuous power and 2048Wh capacity.

### Component Identification



Detailed product introduction. Front panel features AC input power regulation, cigarette lighter output (12-10A), DC5521\*2 output (12-3A), USB-A\*2 QC3.0 18W output, USB-C PD100W\*1, PD20W\*2, PD45W\*1 outputs. Rear panel includes AC input, protection button, and XT60 input.

### Dimensions and Portability

# Diseño compacto, ligero y fácil de levantar.

Alimenta **13** dispositivos simultáneamente, en un tamaño similar al de un microondas.



Tamaño: Largo: 39,9 cm \* Ancho: 28,6 cm \* Alto: 32 cm

The OUKITEL P2001E Pro features a compact, lightweight design for easy transport. Its dimensions are approximately 39.9 cm (Length) x 28.6 cm (Width) x 32 cm (Height).

### 3. WHAT'S IN THE BOX

Upon unpacking, please verify that all the following items are included in your package. If any items are missing or damaged, please contact customer support.

# Introducción detallada del producto



The package includes the OUKITEL P2001E Pro Portable Power Station, an AC charging cable, an MC4 to XT90 solar charging cable, and a user manual. A car charging cable is also typically included.

- 1 × OUKITEL P2001E Pro Portable Power Station
- 1 × AC Charging Cable
- 1 × MC4 to XT90 Solar Charging Cable
- 1 × User Manual
- *Note: Solar panels and the power station may be shipped separately.*

## 4. SETUP AND INITIAL USE

### Initial Charging

Before first use, it is recommended to fully charge the OUKITEL P2001E Pro. This helps to calibrate the battery management system and ensures optimal performance from the start.

1. Connect the provided AC charging cable to the AC input port on the rear of the power station.
2. Plug the other end of the AC charging cable into a standard wall outlet.
3. The display will show the charging status. The unit is fully charged when the battery indicator reaches 100%.

For faster charging, consider using the dual charging method (AC + Solar) as described in the 'Charging the Power Station' section.

## 5. OPERATING INSTRUCTIONS

### Powering On/Off

- To turn on the unit: Press and hold the main power button for a few seconds until the display illuminates.
- To turn off the unit: Press and hold the main power button again until the display turns off.

## Using Output Ports

The P2001E Pro features multiple output ports to power various devices simultaneously.

# Compatible con más del 99% de electrodomésticos



4×AC



4×USB-C



2×USB-A



2×DC5521



1×Car port



The OUKITEL P2001E Pro is compatible with over 99% of home appliances, offering 4 AC outlets, 4 USB-C ports, 2 USB-A ports, 2 DC5521 ports, and 1 car port.

- **AC Outlets:** Press the AC power button to activate the AC outlets. Connect your AC-powered devices. The unit provides 3200W continuous power, with a 6400W peak.
- **USB Ports (USB-A, USB-C):** Press the USB power button to activate the USB ports. Connect your USB-powered devices for charging.

- **DC Ports (DC5521, Car Port, Cigarette Lighter):** Press the DC power button to activate the DC outputs. Connect your 12V DC devices.

## Uninterrupted Power Supply (UPS) Function

The P2001E Pro includes a UPS function with a 0.01-second switchover time. This ensures that sensitive devices remain powered during an outage.

A black and white photograph of an OUKITEL P2001E Pro power station in a home office. The power station is in the foreground, connected to a computer monitor displaying a video editing software interface. The monitor shows a 3D rendered character. A desk lamp is lit on the right, and a speaker is visible. The background is dark with some foliage on the left.

**Garantía sin interrupciones:  
EPS (<0,08 ms) Enlace instantáneo**

\*En caso de un corte de energía en el vecindario, un EPS (menos de 0,08 s) puede proporcionar energía ininterrumpida para garantizar la continuidad de su evento o trabajo.

The OUKITEL P2001E Pro offers an Uninterrupted Power Supply (EPS) with a switchover time of less than 0.08 ms, ensuring continuous power for critical devices during outages.

To use the UPS function, connect the power station to a wall outlet via the AC input, and then connect your critical

devices to the AC output ports of the power station. In the event of a power failure, the unit will automatically switch to battery power, preventing data loss or interruption for connected devices like computers or refrigerators.



Experience high power output of 3200W (6400W peak) to run various appliances, from coffee machines to air conditioners, for extended periods.

## 6. CHARGING THE POWER STATION

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The OUKITEL P2001E Pro supports multiple charging methods to ensure you always have power when you need it.

### AC Wall Charging

The unit can be charged rapidly via a standard AC wall outlet.

# Carga súper rápida con enchufe

Carga rápida: carga completamente en solo 1,2 horas.  
25% más rápido que las opciones líderes de la industria.

## Carga súper rápida de CA de 1800W

Cargar al 80% en 60 minutos

Completado en 80 minutos 100%



\* Prueba de carga a 30 °C (los valores reales pueden variar según las condiciones).

Achieve super-fast charging with the AC plug, reaching 80% in 60 minutes and 100% in 80 minutes at 1800W, fully charging in just 1.2 hours.

- Connect the AC charging cable to the AC input port and a wall outlet.
- The unit can charge to 80% in approximately 45 minutes and fully charge in about 1.2 hours.
- Adjustable AC input power: You can set the charging speed to 400W, 800W, 1200W, or 1800W via the control panel or the app.

## Solar Charging

Utilize solar panels (sold separately) to charge your power station sustainably.

# Alta potencia de salida de 3200W (potencia instantánea máxima de 6400W)



Charge your power station using solar panels, reaching 80% in approximately 4.5 hours, or combine with AC for even faster charging.

- Connect compatible solar panels to the XT60 input port using the provided MC4 to XT90 solar charging cable.
- Ensure solar panels are placed in direct sunlight for maximum efficiency.
- Solar charging can reach 80% in approximately 4.5 hours, depending on sunlight conditions and panel wattage.

## Car Charging

Charge the unit from your vehicle's 12V cigarette lighter port.

- Connect the car charging cable to the cigarette lighter input port and your vehicle's 12V outlet.
- Car charging can fully charge the unit in approximately 11 hours.

## Dual Charging (AC + Solar)

For the fastest charging, combine AC and solar input.

- Connect both the AC charging cable and solar panels simultaneously.
- This method can fully charge the unit in as little as 0.8 hours.

## 7. APP CONTROL

Manage and monitor your OUKITEL P2001E Pro remotely using the dedicated smartphone application.

# APLICACIÓN INTELIGENTE PARA UN CONTROL COMPLETO DE LA POTENCIA



Gestionar de forma remota



Ver estadísticas en tiempo real



Conectarse a Bluetooth/Wi-Fi



The OUKITEL app provides complete power control, allowing you to manage remotely, view real-time statistics, and connect via Bluetooth/Wi-Fi.

- Download the OUKITEL app from your device's app store.
- Connect the power station to your smartphone via Bluetooth or Wi-Fi.
- Through the app, you can:
  - Monitor battery status and remaining runtime.
  - Turn output ports on or off.
  - Adjust AC input charging power (400W / 800W / 1200W / 1800W).

- View real-time power input and output statistics.

## 8. MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your OUKITEL P2001E Pro.

### Battery Care

# Batería de fosfato de hierro y litio de larga duración

Batería de fosfato de hierro y litio integrada, con una vida útil de hasta **15** años y reutilización de más de **3500** veces, superando así los estándares de la industria.



**5-Year**  
garantizar



**15-Year**  
Esperanza de vida



**BMS**  
Sistema de protección  
de la batería

El BMS gestiona la entrada y la salida de la central, minimiza el uso de energía y optimiza el suministro de energía y la protección de los equipos.

The OUKITEL P2001E Pro features a durable LiFePO4 battery with a lifespan of up to 15 years and over 3500 charge cycles, protected by an integrated BMS.

- The P2001E Pro uses a high-durability LiFePO4 battery with over 5000 charge cycles to 80% capacity.
- For long-term storage, charge the unit to 50-80% every 3-6 months.
- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.

## Cleaning

- Use a dry, soft cloth to wipe the exterior of the unit.
- Do not use abrasive cleaners or solvents.
- Keep ventilation openings clear of dust and debris.

## 9. TROUBLESHOOTING

If you encounter issues with your OUKITEL P2001E Pro, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Unit does not turn on	Battery is depleted; Power button not pressed correctly.	Charge the unit; Press and hold the power button firmly for a few seconds.
AC output not working	AC button not activated; Overload protection triggered.	Press the AC power button; Reduce the load on the AC outlets; Restart the unit.
Slow charging via solar	Insufficient sunlight; Panels not properly angled; Incompatible panels.	Ensure direct sunlight; Adjust panel angle; Verify panel specifications.
App connection issues	Bluetooth/Wi-Fi off; App not updated; Unit too far from phone.	Enable Bluetooth/Wi-Fi; Update the app; Move closer to the unit.

If the problem persists, please contact OUKITEL customer support.

## 10. SPECIFICATIONS

Feature	Detail
Model Name	P2001E Pro
Brand	OUKITEL
Wattage	3200 Watts (6400W Peak)
Capacity	2048Wh
Battery Type	LiFePO4
Lifespan	Over 5000 cycles to 80% capacity (up to 15 years)
AC Output Voltage	230 Volts

Feature	Detail
Frequency	50 Hz
AC Charging Time	1.2 hours (full charge)
Solar Charging Time	Approx. 4.5 hours (80% with optimal sunlight)
Car Charging Time	Approx. 11 hours (full charge)
UPS Switchover Time	0.01 seconds
Number of AC Outlets	4
USB-C Ports	4 (PD 100W, PD 20W, PD 45W)
USB-A Ports	2 (QC3.0 18W)
DC Ports	2 x DC5521, 1 x Car Port, 1 x Cigarette Lighter Output
Dimensions (L x W x H)	42 cm x 30 cm x 28 cm
Special Features	Digital Display, Portable, Overload Protection, Super Silent (30 dB)

## 11. WARRANTY AND SUPPORT

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### Warranty Information

The OUKITEL P2001E Pro Portable Power Station comes with a **5-year warranty** from the date of purchase. This warranty covers manufacturing defects and ensures reliable operation under normal use conditions. Please retain your proof of purchase for warranty claims.

### Customer Support

OUKITEL is committed to providing excellent customer service. If you have any questions, require technical assistance, or need to make a warranty claim, please contact our support team.

- **Local Service Center:** OUKITEL operates a local repair center in Germany to provide prompt and professional assistance.
- **Response Time:** Our customer service team aims to respond to inquiries within 8 hours.

For the most up-to-date contact information, please visit the official OUKITEL website or refer to the contact details provided with your purchase documentation.