

OUKITEL P1500E PLUS

OUKITEL P1500E PLUS Portable Power Station

User Manual

1. INTRODUCTION

Thank you for choosing the OUKITEL P1500E PLUS Portable Power Station. This device is a high-capacity, versatile power solution designed to provide reliable electricity for various applications, including home backup, outdoor camping, travel, and emergency situations. With a robust 1536Wh LiFePO4 battery and an 1800W continuous AC output (3600W peak), it ensures your essential devices remain powered.

This manual provides important information regarding the safe operation, setup, maintenance, and troubleshooting of your P1500E PLUS. Please read it thoroughly before using the product to ensure optimal performance and safety.

Tamaño más pequeño Solo **31,30lb**
En comparación con productos similares



Image: OUKITEL P1500E PLUS Portable Power Station in an outdoor setting, showcasing its compact design and portability.

2. SAFETY INSTRUCTIONS

To ensure safe operation and prolong the lifespan of your OUKITEL P1500E PLUS, please adhere to the following safety guidelines:

- Do not disassemble, repair, or modify the unit. Incorrect assembly may lead to fire, explosion, or injury.
- Keep the device away from fire, heat sources, and direct sunlight to prevent overheating.
- Do not use or store the device in bathrooms or areas exposed to water or high humidity.

- Use only original or certified cables and accessories.
- Avoid dropping, impacting, or subjecting the device to strong vibrations.
- Keep out of reach of children and pets.
- The integrated LiFePO4 battery features a SuperSafe Battery Management System (BMS) that provides protection against short circuits, over-temperature, over-charge, and other potential hazards.
- Ensure proper ventilation during use and charging to prevent overheating.

Las baterías **LiFePO4** más seguras

La seguridad es siempre la máxima prioridad. El P1500E Plus está equipado con la batería LiFePO4 más segura, conocida por su gran estabilidad térmica, su ciclo de vida prolongado y su mayor seguridad en comparación con otros tipos de baterías.

4000 veces

Ciclos de carga de la batería LFP

10 años

Mantenga un buen estado durante al menos



Image: Internal view of the OUKITEL P1500E PLUS LiFePO4 battery cells, highlighting the safety and longevity of the battery technology. The text on the image indicates '4000 cycles' and '10 years' lifespan.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact customer support.

- 1 x OUKITEL P1500E PLUS Portable Power Station
- 2 x PV100 Foldable Solar Panels
- 1 x AC Power Cable
- 1 x MC4 to XT60 Cable
- 1 x Bluetooth Pairing Pin
- 1 x Warranty Card
- 1 x User Manual



Image: Diagram showing the contents of the OUKITEL P1500E PLUS package, including the power station, AC charging cable, MC4-XT60 cable, and manual.

4. PRODUCT OVERVIEW

4.1. Ports and Controls

The OUKITEL P1500E PLUS is equipped with a variety of output and input ports to accommodate diverse charging needs:

- **AC Outputs (x4):** 1800W continuous, 3600W peak.
- **USB-A QC3.0 (x2):** Quick Charge for compatible devices.
- **USB Type-C PD20W (x1):** Power Delivery for smaller devices.
- **USB Type-C PD100W (x1):** High-speed Power Delivery for laptops and larger devices.
- **DC5521 Outputs (x2):** For DC-powered appliances.
- **Car Charging Port (x1):** 12V/10A output.
- **LED Light:** Integrated for illumination.

11 puertos de salida Alimenta todos tus dispositivos

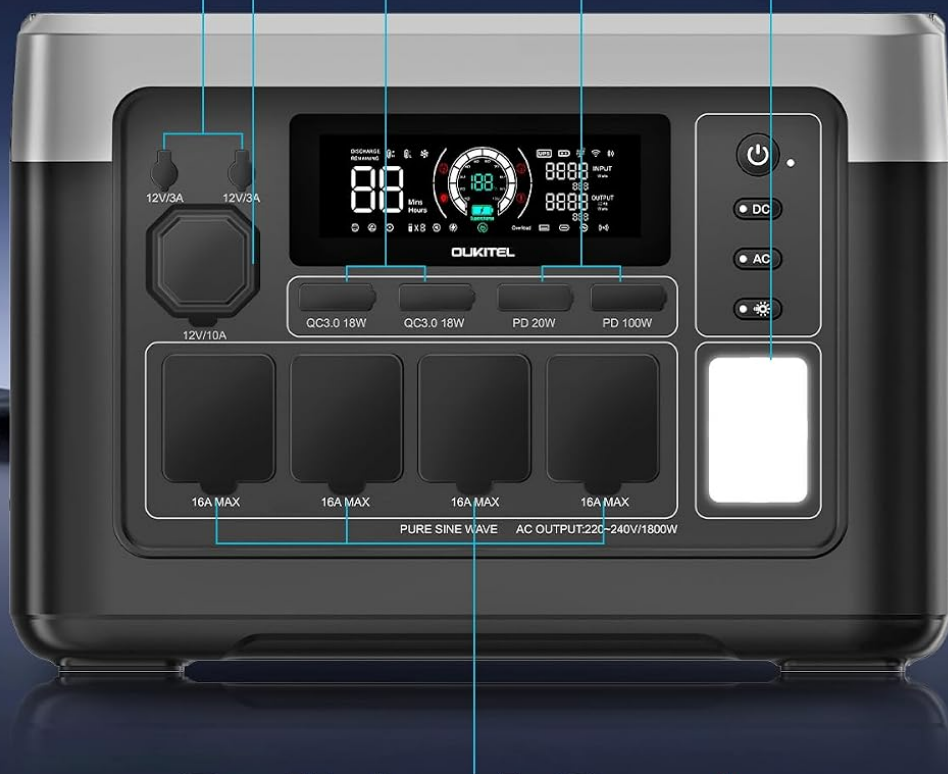
Enchufe para mechero **x1**

LED

DC5521 **x2**

USB-A **x2**

USB-C **x2**



Salida AC **x4**

Image: Detailed view of the OUKITEL P1500E PLUS ports and controls, labeling AC outputs, USB ports, DC outputs, and the car charging port.

4.2. Display Interface

The clear digital display provides real-time information about the power station's status:

- **1. Discharge Remaining:** Time remaining for discharge.
- **2. High Temperature Protection:** Indicator for overheating.
- **3. Low Temperature Protection:** Indicator for low temperature.
- **4. Fan Status:** Indicates fan operation.
- **5. Power Status:** Battery charge level.
- **6. UPS Mode:** Indicates Uninterruptible Power Supply mode.

- **7. PV Charging Mode:** Indicates solar charging.
- **8. Total Input Power:** Current power input in watts.
- **9. Total Output Power:** Current power output in watts.
- **10. Cigarette Lighter (12V) Output:** Indicator for car port use.
- **11. DC (12V) Output:** Indicator for DC output use.
- **12. Silent Mode:** Indicator for quiet operation.
- **13. Fast Charging Mode:** Indicator for rapid charging.
- **14. Slow Charging Mode:** Indicator for slower, battery-preserving charging.
- **15. Overload Protection:** Indicator for excessive load.
- **16. USB Output:** Indicator for USB-A output use.
- **17. PD Output:** Indicator for USB-C Power Delivery output use.
- **18. AC Output:** Indicator for AC output use.
- **19. Frequency Switching:** Allows switching between 50Hz/60Hz.
- **20. WiFi / Bluetooth:** Connection status for app control.



Image: Diagram illustrating the OUKITEL P1500E PLUS display interface and its indicators, with numbered labels corresponding to their functions.

5. SETUP

5.1. Initial Charging

Before first use, fully charge the OUKITEL P1500E PLUS. Connect the AC power cable to the input port and plug it into a wall outlet. The display will show the charging status. It is recommended to fully charge the unit every 3 months if not in regular use.

5.2. Connecting Solar Panels

To charge using solar power, connect the PV100 solar panels to the power station using the MC4 to XT60 cable. Ensure the solar panels are placed in direct sunlight for optimal charging efficiency. The display will indicate solar charging activity.

6. OPERATING INSTRUCTIONS

6.1. Charging the Power Station

The P1500E PLUS offers flexible charging options:

- **AC Charging:** Connect the AC cable to a wall outlet. Supports fast charging (Max 1200W) and slow charging (Max 500W). Fast charging can fully charge the unit in approximately 1 hour and 40 minutes.
- **Solar Charging:** Connect solar panels via the MC4 to XT60 cable. The unit supports up to 500W solar input.
- **Car Charging:** Use a car charger (not included) to charge from your vehicle's 12V/24V outlet.

Entrada AC + solar (1700W)
100% en 59 minutos

Con una carga rápida de AC de 1200W, el OUKITEL P1500E Plus se puede cargar al 100% en 1 hora y 40 minutos. La carga rápida puede ahorrar mucho tiempo y ofrecer más posibilidades en la vida.

The image shows the OUKITEL P1500E PLUS power station on a white surface. It is connected to a wall outlet on the left and a foldable solar panel on the right. The device's digital display shows '88' and '100%'.

Charging Method	Power Input	Charging Time
AC	1200W	1 hora y 40 minutos
Solar	500W	3 horas y 20 minutos
Entrada de coche	12V/24V	12 horas/6 horas
Entrada AC+solar	1700W	59 minutos

Image: OUKITEL P1500E PLUS charging via AC power from a wall outlet and simultaneously via foldable solar panels. The image indicates charging times for AC (1h 40m), Solar (3h 20m), Car (12h/6h), and combined AC+Solar (59 minutes).

6.2. Discharging (Using Outputs)

To power your devices:

1. Press the main power button to turn on the power station.
2. Press the respective output button (AC, DC, USB) for the port you wish to use. The indicator light for that output will illuminate.
3. Connect your device to the appropriate port.
4. When finished, turn off the output ports and then the main power button.

6.3. UPS Function

The P1500E PLUS features an Uninterruptible Power Supply (UPS) function with a switchover time of less than 10 milliseconds. This ensures continuous operation for sensitive devices like PCs, servers, and freezers during sudden power outages or voltage drops, preventing data loss and downtime.

UPS sin interrupciones de **1800W <10ms**

Cuando se produce un corte en el suministro eléctrico, el P1500E Plus puede cambiar rápidamente al modo UPS en menos de 10ms. No hay que temer la pérdida de archivos informáticos ni la parada repentina del frigorífico. Podrá mantenerse alejado de la crisis que supone un corte de suministro eléctrico.



Image: OUKITEL P1500E PLUS providing UPS backup to a computer setup during a simulated power outage,

demonstrating its ability to maintain power for critical devices. The text on the image highlights 'UPS without interruptions of 1800W <10ms'.

6.4. App Control

Control your P1500E PLUS remotely via the dedicated mobile application. Use the Bluetooth pairing pin to connect your device. The app allows you to:

- Monitor battery status and power consumption.
- Adjust discharge limits.
- Select charging speed (fast or slow).
- Turn outputs on/off.

Control inteligente mediante aplicación

Disfrute de la comodidad del control remoto sin tener que manejar manualmente la estación de energía, tanto si está en casa como si sale.



Image: A user controlling the OUKITEL P1500E PLUS via a smartphone app in an outdoor setting, demonstrating the

convenience of remote management. The text on the image indicates 'Smart control via application'.

7. MAINTENANCE

Proper maintenance ensures the longevity and performance of your power station:

- **Storage:** Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures. For long-term storage, charge the battery to 50-80% every 3 months.
- **Cleaning:** Use a dry, soft cloth to clean the exterior of the unit. Do not use abrasive cleaners or solvents.
- **Battery Care:** Avoid fully discharging the battery frequently. While LiFePO4 batteries are robust, maintaining a charge between 20% and 80% can extend their overall lifespan.
- **Ventilation:** Ensure the ventilation openings are clear of dust and debris to prevent overheating.

8. TROUBLESHOOTING

If you encounter issues with your OUKITEL P1500E PLUS, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not turn on	Battery is completely discharged; Power button not pressed correctly.	Charge the unit using AC power; Press and hold the power button for 3 seconds.
No output from AC/DC/USB ports	Output port not activated; Overload protection triggered; Device not compatible.	Press the corresponding output button; Reduce the load; Check device power requirements.
Slow charging speed	Slow charging mode activated; Low solar input; High ambient temperature.	Switch to fast charging mode via app or unit settings; Ensure solar panels are in direct sunlight; Move to a cooler environment.
Overheat warning on display	Excessive load; Poor ventilation; High ambient temperature.	Reduce the connected load; Ensure ventilation openings are clear; Move to a cooler environment.

If the problem persists, please contact OUKITEL customer support.

9. SPECIFICATIONS

Feature	Specification
Model Number	P1500E PLUS
Brand	OUKITEL
Battery Type	LiFePO4

Feature	Specification
Capacity	1536Wh (480000 mAh)
AC Output	1800W (Continuous), 3600W (Peak)
AC Outlets	4
USB-A Output	2 x QC3.0
USB-C Output	1 x PD20W, 1 x PD100W
DC Output	2 x DC5521, 1 x Car Charging Port (12V/10A)
AC Input (Charging)	Max 1200W (Fast), Max 500W (Slow)
Solar Input	Max 500W
UPS Switchover Time	<10ms
Dimensions (L x W x H)	38.6 x 22.8 x 30.5 cm (15.2 x 9.0 x 12.0 inches)
Weight	Approximately 14.2 kg (31.3 lbs)
Recommended Use	Residential, Camping, Emergency

10. WARRANTY AND SUPPORT

The OUKITEL P1500E PLUS Portable Power Station comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

The warranty does not cover:

- Damage caused by misuse, abuse, or improper operation.
- Damage caused by unauthorized disassembly, repair, or modification.
- Damage caused by natural disasters or external forces.
- Normal wear and tear.

For warranty claims, technical support, or any questions regarding the use of your OUKITEL P1500E PLUS, please contact OUKITEL customer service. Please have your purchase receipt and product model number ready when contacting support.