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> OUKITEL P5000 Pro 3600W Solar Generator Instruction Manual

## YOYOSCX P5000 Pro

# OUKITEL P5000 Pro 3600W Solar Generator Instruction Manual

Model: P5000 Pro | Brand: YOYOSCX

## PRODUCT OVERVIEW

The OUKITEL P5000 Pro is a high-capacity portable power station designed to provide reliable energy for various applications, including home emergency backup, outdoor activities, and professional use. With a 5120Wh capacity and 3600W continuous output (5000W peak), it can power a wide range of appliances and tools. The unit features advanced LiFePO4 battery technology for extended lifespan and safety, multiple charging options, and smart app control for convenient management.

## WHAT'S IN THE BOX

Upon unpacking, please verify that all items are present and in good condition. Due to the product's weight, the power station and solar panels, may be delivered in separate packages.

- 1 x OUKITEL P5000 Pro Power Station
- 2 x 400W Solar Panels
- 1 x AC Charging Cable
- 1 x Car Charging Cable
- 1 x Solar Charging Cable
- 1 x User Manual

## SETUP AND INITIAL USE

### Charging the Power Station

Before first use, fully charge the P5000 Pro. The unit supports multiple charging methods:

- **AC Charging:** Connect the AC charging cable to a standard wall outlet. The 1800W bi-directional inverter allows for fast charging, reaching 0-100% in approximately 3.5 hours (0-80% in 2.2 hours).
- **Solar Charging:** Connect the solar charging cable to compatible solar panels (up to 1000W input). Full charge can be

achieved in approximately 2 hours under ideal sunlight conditions.

- **Car Charging:** Use the provided car charging cable to charge the unit from your vehicle's 12V outlet.
- **Solar + AC Charging:** Combine solar and AC input for the fastest charging times, reaching 0-80% in approximately 1.1 hours.

# MULTIPLE WAYS TO CHARGE



**Solar+AC**

0-80% in

**1.1** hours



**AC charging**

0-80% in

**2.6** hours



**Solar charging**

Full charge in

**2** hours\*

\*Based on using 1000W solar input in an ideal environment.



Image: The OUKITEL P5000 Pro illustrating various charging methods including solar, AC, and combined inputs, with estimated charging times.

## OPERATING INSTRUCTIONS

## Powering Devices

The P5000 Pro offers a wide array of output ports to power various devices simultaneously:

- **5 AC Outlets:** Provides 3600W continuous power (5000W peak) for household appliances like refrigerators, washing machines, ovens, coffee makers, laptops, hair dryers, electric kettles, and microwave ovens.
- **USB Ports:** Includes 4 USB-A ports and 2 USB-C (100W) ports for charging mobile phones, tablets, and other USB-powered devices.
- **DC Ports:** 3 DC ports (2x DC 5521, 1x 120W Car Outlet) for compatible DC devices.

# CHARGE 15 DEVICES SIMULTANEOUSLY

5\*AC   4\*USB-A   2\*USB-C(100W)   3\*DC   1\*Car Outlet

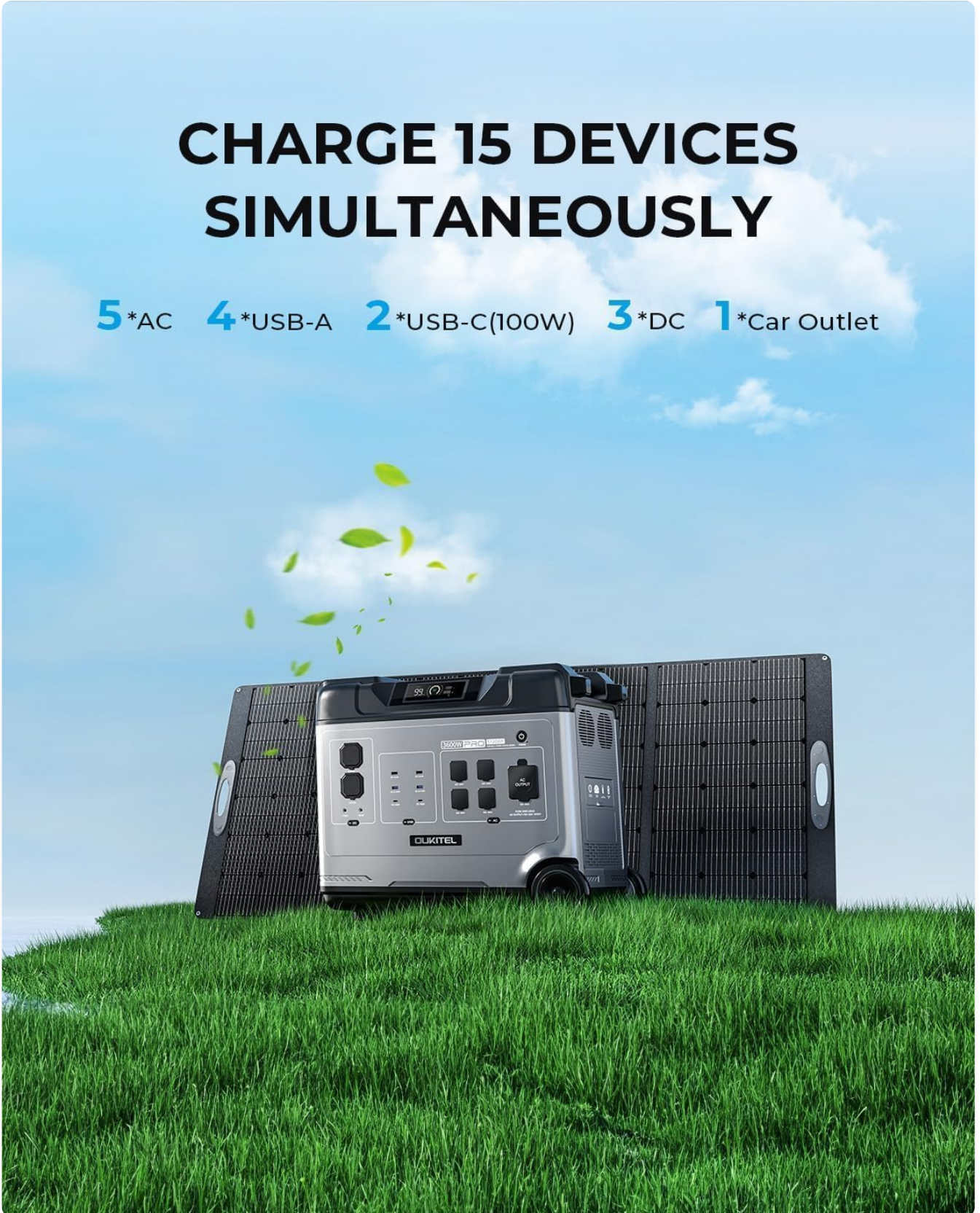


Image: The OUKITEL P5000 Pro displaying its array of output ports, including AC, USB-A, USB-C, and DC outlets, capable of charging multiple

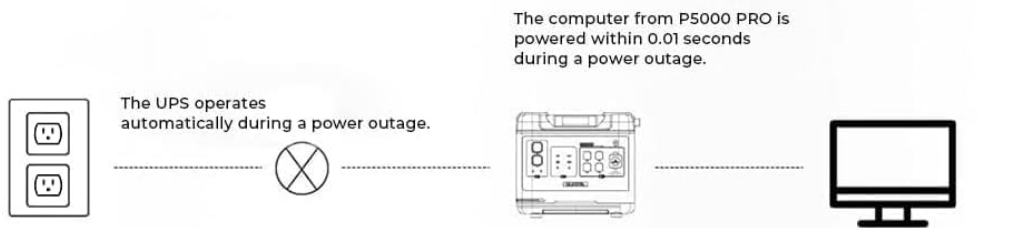
devices simultaneously.

## Emergency Power Supply (EPS)

In the event of a power outage, the P5000 Pro's EPS function provides uninterrupted power within 0.01 seconds, ensuring continuity for essential devices. This feature is crucial for maintaining power to critical electronics during unexpected outages.

# NO MORE DARKNESS, NO MORE WORRIES

UPS ≤ 10ms



UPS mode provides a maximum AC output power of 1400W

*Image: A diagram illustrating the OUKITEL P5000 Pro's UPS function, providing seamless power to a computer during a power outage.*

## Smart App Control

Monitor and manage your power station remotely using the mobile phone app via Bluetooth or WiFi. The app allows you to control input/output, check remaining power, and monitor device status in real-time.

# Real-time Control At Your Fingertips

Whether you're at home or on the go, you can monitor and manage the battery directly from your phone with the App via WiFi or Bluetooth.



Image: A smartphone screen displaying the OUKITEL P5000 Pro's mobile application interface, showing real-time power monitoring and control options.

## MAINTENANCE AND CARE

- **Battery Longevity:** The built-in LiFePO4 battery is designed for over 3500 charge/discharge cycles, providing a lifespan of up to 15 years.
- **Battery Management System (BMS):** The integrated BMS and Control Unit (MCU) actively manage battery cell voltage and temperature to ensure optimal performance and safety.
- **Storage:** For long-term storage, charge the product to approximately 30% to 50% every three months. Store in a cool, dry place away from direct sunlight.
- **Operating Temperature:** The unit is designed to operate in extreme conditions, including temperatures as low as -20°C.

# ULTRA LONG LIFE

LiFePO4 Battery with a Lifespan of 10 Years



# 10 YEARS



# 5000+

*Image: An illustration highlighting the ultra-long lifespan of the LiFePO4 battery used in the OUKITEL P5000 Pro, indicating over 5000 cycles and 10 years of use.*

## TROUBLESHOOTING

If you encounter any issues with your OUKITEL P5000 Pro, please refer to the following general troubleshooting steps:

- **No Power Output:** Ensure the power station is turned on and the specific output ports (AC, DC, USB) are activated. Check the battery level.
- **Charging Issues:** Verify that charging cables are securely connected. Ensure the power source (wall outlet, solar

panel, car charger) is functioning correctly. Check for any error messages on the display or in the mobile app.

- **Overload Protection:** If an overload occurs, the unit may temporarily shut down. Disconnect some devices and restart the power station.
- **App Connectivity:** Ensure Bluetooth or WiFi is enabled on your mobile device and the power station. Try restarting both devices and re-pairing if necessary.
- **Extreme Temperatures:** While designed for extreme conditions, prolonged exposure to temperatures outside the operating range (-10°C to 45°C) may affect performance.
- **Contact Support:** For persistent issues, please contact customer service for further assistance.

## SPECIFICATIONS

Feature	Specification
Brand	YOYOSCX
Model Name	P5000 Pro power station
Capacity	5120Wh
Output Wattage	3600W (5000W Peak)
Battery Type	Lithium Iron Phosphate (LiFePO4)
Lifecycles	3500+ cycles (to 80% capacity)
AC Input	1800W Fast Charging (0-100% in 3.5h)
Solar Input	Max 1000W (Full charge in 2h with ideal conditions)
Total AC Outlets	5
USB-A Ports	4
USB-C Ports	2 (100W each)
DC Output	2x DC 5521, 1x 120W Car Outlet
EPS Switching Time	<0.01s
Item Weight	102 Pounds (approx. 46.3 kg)
Product Dimensions	11.8"L x 19.17"W x 21.65"H
Operating Temperature	-20°C to 45°C

## OFFICIAL PRODUCT VIDEOS

Watch these official videos from the seller for more information on the OUKITEL P5000 Pro Solar Generator.

### OUKITEL P5000 Pro 5120Wh Large Capacity Power Station

Your browser does not support the video tag.

*Video: An official product video showcasing the OUKITEL P5000 Pro 5120Wh Large Capacity Power Station, highlighting its features and applications.*

### OUKITEL 5120Wh P5000 Pro Large Capacity Solar Generator

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*Video: An official product video demonstrating the OUKITEL 5120Wh P5000 Pro Large Capacity Solar Generator in various usage scenarios.*

## **OUKITEL P5000 Pro 5120Wh Power Station Solar Generator**

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*Video: A vertical format official product video showcasing the OUKITEL P5000 Pro 5120Wh Power Station Solar Generator's features and portability.*

## **OUKITEL P5000 Pro Large Capacity Power Station 5120Wh**

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*Video: An official product video highlighting the large capacity and power output of the OUKITEL P5000 Pro Power Station.*

## **WARRANTY AND SUPPORT**

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The OUKITEL P5000 Pro comes with a 2-year warranty, ensuring peace of mind for your investment. For any questions, technical support, or warranty claims, please contact our friendly customer service team. Refer to the user manual for contact details.

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