IEE P3200

IEE P3200 Portable Power Station User Manual

Model: P3200

Includes 2x 200W Solar Panels

1. INTRODUCTION

Thank you for purchasing the IEE P3200 Portable Power Station. This device is designed to provide reliable and versatile power for both indoor and outdoor applications, featuring a high-capacity LiFePO4 battery, multiple output ports, and smart control capabilities. Please read this manual thoroughly before operating the device to ensure safe and optimal performance.

2. SAFETY INSTRUCTIONS

To prevent injury, damage to the device, or damage to other property, observe the following safety precautions:

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from heat sources, direct sunlight, and flammable materials.
- Do not immerse the unit in water or expose it to heavy rain.
- Ensure proper ventilation during use and charging to prevent overheating.
- Keep out of reach of children and pets.
- Use only approved accessories and charging cables.
- In case of fire, use a dry powder fire extinguisher. Water may cause electric shock.
- Avoid dropping or subjecting the unit to strong impacts.

3. PACKAGE CONTENTS

Verify that all items are included in your package:

- 1 x IEE P3200 Portable Power Station
- 2 x IEE 200W Solar Panels
- 1 x 4-in-1 Data Cable
- 1 x AC Charging Cable
- 1 x Solar Charging Cable
- 1 x User Manual

- 1 x Warranty Card

バッケ-ジ内容

P3200 ポータブル電源*1

4-in-1 データケーブル*1

AC 充電ケーブル*1

ソーラー充電ケーブル*1

取扱説明書*1

保証カード*1

Image: Contents of the IEE P3200 package, including the power station, solar panels, and various cables.

4. PRODUCT OVERVIEW

4.1. Main Unit Features

- **High Capacity & Output:** 2048Wh capacity with 3200W AC output (6400W peak).
- **Durable Battery:** Utilizes LiFePO4 battery cells, offering over 4000 charge cycles to 80% capacity, ensuring a lifespan of 10+ years.
- **Fast Charging:** Supports ultra-fast charging, reaching 80% in 50 minutes via AC input.
- **Multiple Outputs:** Equipped with 16 output ports including AC, USB-A, USB-C, and DC5521.
- **Smart Control:** Integrated Wi-Fi and Bluetooth for remote monitoring and control via the IEE App.
- **UPS Function:** Uninterruptible Power Supply (UPS) with a switchover time of less than 10ms.
- **Quiet Operation:** Designed for low noise levels, typically below 40dB during use and charging.
- **Portable Design:** Features a retractable handle and durable wheels for easy transport.

4.2. Components and Ports

Image: Front view of the IEE P3200 Portable Power Station with included solar panels, highlighting its compact design and multiple ports.

Image: Close-up view of the IEE P3200's display and various output ports, including AC, USB, and DC outlets.

The IEE P3200 features a clear display panel showing battery status, input/output power, and remaining charge time. Output ports are conveniently located on the front and side for easy access.

5. SETUP

5.1. Initial Charge

Before first use, fully charge the IEE P3200. Connect the AC charging cable to the AC input port on the unit and then to a wall outlet. The display will indicate charging status. For optimal battery health, it is recommended to fully charge the unit upon receipt.

Image: The IEE P3200 connected to a wall outlet for AC charging, demonstrating the fast charging capability.

5.2. Solar Panel Connection

To charge using solar panels, connect the solar charging cable to the solar input port on the P3200 and then to your IEE 200W solar panels. Position the solar panels in direct sunlight for maximum efficiency. The unit supports up to 1000W solar input.

Image: The IEE P3200 connected to solar panels for charging, set up in an outdoor environment.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

Press and hold the main power button for 3 seconds to turn the unit on or off. The display will illuminate upon power-on.

6.2. Using AC/DC/USB Outputs

Once the unit is powered on, press the respective AC, DC, or USB button to activate the desired output ports. Connect your devices to the appropriate ports. Ensure the total power consumption of connected devices does not exceed the unit's rated output (3200W).

Image: The IEE P3200 powering various household appliances and electronic devices simultaneously, demonstrating its high output capability.

6.3. IEE App Remote Control

Download the official IEE App from your smartphone's app store. Connect the P3200 via Wi-Fi or Bluetooth. The app allows you to:

- Monitor real-time battery status, input/output power.
- Remotely control input speed (charging rate).
- Schedule charging times to optimize electricity costs.
- Access general settings and device information.

グリーン太陽エネルギーの活用

アウトドアアドベンチャーのための強化されたパワーの自由

2時間で0%から100%まで。

最大**1000W** 太陽光入力

Image: A smartphone displaying the IEE app interface, showing real-time monitoring of the P3200 power station in an outdoor camping scenario.

中断のない保護:
UPS（<10ms）による即時接続

*近隣地域で停電が発生した場合、UPS（10ms未満）が中断のない電力を供給し、イベントや作業の継続を確保します。

Image: Screenshots of the IEE app interface, showing real-time status and general settings for the power station.

6.4. Uninterruptible Power Supply (UPS) Function

The P3200 features an EPS (Emergency Power Supply) function. When connected to a wall outlet and devices are powered through the P3200, it acts as a pass-through. In the event of a power outage, the unit will automatically switch to battery power within 0.01 seconds, ensuring uninterrupted operation for connected devices.

ノイズ
≤ 30dB

LiFePO4
12年間の使用

ノンストップ保証:
UPS（<10ms）インスタントリンク

60分 80%
1500W AC充電

ラゲッジスタイルのデザイン
いつでも出発可能

2500W
高速充電

Image: The IEE P3200 connected to a medical device, illustrating its UPS function providing continuous power during an outage.

7. MAINTENANCE

- **Cleaning:** Use a dry, soft cloth to clean the unit. Do not use abrasive cleaners or solvents.
- **Storage:** If storing for extended periods, charge the unit to 50-80% every 3-6 months to maintain battery health. Store in a cool, dry place away from direct sunlight.
- **Temperature:** Operate and store the unit within the recommended temperature range (refer to specifications).

8. Troubleshooting

Problem	Possible Cause	Solution
Unit does not power on.	Battery is depleted.	Charge the unit using AC or solar input.
No output from AC/DC/USB ports.	Output ports are not activated.	Press the corresponding AC/DC/USB button to activate.
Overload warning on display.	Connected devices exceed rated output.	Disconnect some devices or use lower power devices.
Unit is not charging.	Charging cable not properly connected or power source issue.	Check cable connections and ensure power source is active. For solar, ensure panels are in direct sunlight.

If the problem persists, please contact customer support.

9. Specifications

Feature	Detail
Model	P3200
Battery Type	LiFePO4 (Lithium Iron Phosphate)
Capacity	2048Wh (640000mAh)
AC Output	3200W (Rated), 6400W (Peak)
AC Input	Up to 1500W (Fast Charge)
Solar Input	Up to 1000W
USB-A Output	4 ports
USB-C Output	4 ports
DC5521 Output	2 ports
Cigarette Lighter Output	2 ports
Lifespan	4000+ cycles to 80% capacity (approx. 10-15 years)
Noise Level	≤40dB
Dimensions (L x W x H)	44.5cm x 29.8cm x 36.7cm (approx.)

Feature	Detail
Weight	24 kg (52.91 lbs)

10. WARRANTY AND SUPPORT

The IEE P3200 Portable Power Station comes with a **5-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any inquiries, please contact IEE customer support through the following channels:

- Refer to the contact information provided on your Warranty Card.
- Visit the official IEE website for support resources and contact forms.
- Contact the seller directly via your purchase platform.

Please have your product model number (P3200) and purchase details ready when contacting support.