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- › ECOGREAT /
- › ECOGREAT IEE P3200 Portable Power Station User Manual

ECOGREAT P3200

ECOGREAT IEE P3200 Portable Power Station User Manual

Model: P3200 | Brand: ECOGREAT

1. INTRODUCTION

Thank you for choosing the ECOGREAT IEE P3200 Portable Power Station. This device is designed to provide reliable and versatile power for various applications, including outdoor adventures, emergency backup during power outages, and general power needs. With its high capacity, powerful output, and advanced battery technology, the P3200 ensures you have power whenever and wherever you need it.

2. SAFETY INSTRUCTIONS

- Do not expose the power station to water, moisture, or extreme temperatures.
- Avoid dropping, puncturing, or disassembling the device.
- Keep out of reach of children and pets.
- Use only approved charging cables and adapters.
- Ensure proper ventilation during use and charging to prevent overheating.
- In case of smoke, unusual odors, or abnormal operation, immediately turn off the device and disconnect all power sources.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- P3200 Portable Power Station
- 500W Solar Panel
- 4-in-1 Data Cable
- AC Charging Cable
- Solar Charging Cable
- Instruction Manual

16個多様な出力ポート さらなる可能性


x2
DC-5521


x4
AC口


x2
シガソケット


x4
USB-C


x4
USB-A



Image: The IEE P3200 Portable Power Station and its included accessories.

4. PRODUCT OVERVIEW

The IEE P3200 features a clear display and multiple output ports for maximum versatility.

4.1. Display

The integrated LCD display provides real-time information on battery percentage, input/output wattage, and estimated remaining usage time.

4.2. Ports and Features

- **AC Outlets (x4):** For powering standard household appliances.
- **USB-A Ports (x4):** For charging smartphones, tablets, and other USB-powered devices.
- **USB-C Ports (x4):** High-speed charging for compatible devices.
- **DC Outputs:** Various DC ports for specific devices.
- **Car Socket:** For 12V car appliances.
- **LED Light:** Integrated light for illumination in dark environments.
- **Casters & Handle:** For easy portability despite its robust capacity.

16個多様な出力ポート さらなる可能性


x2
DC-5521


x4
AC口


x2
シガ-ソケット


x4
USB-C


x4
USB-A



Image: Front panel of the P3200 showing all output ports and the display.

5. SETUP

5.1. Initial Charging

Before first use, fully charge the P3200 using the provided AC charging cable. Connect the AC cable to the input port on the power station and then to a wall outlet. The display will show the charging status.

5.2. Connecting Solar Panels

To charge using solar power, unfold the solar panel and position it in direct sunlight. Connect the solar charging cable to the solar input port on the P3200. The display will indicate solar input wattage.



Image: Solar panel connected to the P3200 for charging.

6. OPERATING INSTRUCTIONS

6.1. Powering On/Off

Press and hold the main power button for a few seconds to turn the unit on or off. Individual AC and DC outputs have their own power buttons.

6.2. Charging Devices

Connect your devices to the appropriate AC, USB-A, USB-C, or DC ports. Ensure the respective output is turned on. The P3200 can simultaneously charge up to 16 devices.

高出力、高持続性
3200W | 2048Wh

| | | | |
|---|---|--|---|
|  |  |  |  |
| 電気ケトル (1000W)約2時間 | ノートパソコン (60W)約33回 | 電気毛布 (120W)約17時間 | キャンプライト (8W)約250時間 |

6.3. App Remote Control

Download the dedicated IEE app to remotely monitor and control your P3200 via Bluetooth or Wi-Fi. The app allows you to check charging/discharging status, adjust input speed, and schedule charging times for optimal power saving.



操作がより簡単に

専用アプリを使えば、スマホで使用状況の確認や各種設定が簡単に行え、より便利にご利用いただけます



1. バッテリー-残量確認
2. 出力/入力状況確認
3. その他の設定

Image: Remote control and monitoring via the IEE app.

6.4. EPS Function (Emergency Power Supply)

When connected to a wall outlet and powering devices, the P3200 can act as an Emergency Power Supply. In case of a power outage, it automatically switches to battery power within 0.01 seconds, ensuring uninterrupted operation for connected devices.

無停電電源装置 非常時に備える

主電源に障害が発生した場合は、0.01秒
でスタンバイ電源に切り替えることができます



Image: P3200 utilizing its EPS function to provide continuous power.

- Store the power station in a cool, dry place away from direct sunlight and corrosive materials.
- For long-term storage, charge the battery to approximately 50-80% every 3-6 months to maintain battery health.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasives.
- The LiFePO4 battery is designed for a long lifespan of over 15 years with 4000+ charge cycles to 80% capacity.

リン酸鉄リチウム電池 BMSシステム

4000+ IEEのリン酸鉄リチウムバッテリー

15年寿命 充放電が可能で、容量が80%に低下します



Image: Internal structure highlighting the LiFePO4 battery and BMS.

8. TROUBLESHOOTING

- **Device not turning on:** Ensure the battery is charged. Try connecting to AC power.
- **No output from ports:** Check if the individual output buttons (AC/DC/USB) are turned on. Ensure the device connected is within the power station's output limits.
- **Slow charging:** Verify all charging cables are securely connected. For solar charging, ensure panels are in direct sunlight and not obstructed. Adjust input speed settings via the app if applicable.
- **Overload warning:** Disconnect some devices to reduce the load. The P3200 has a maximum instantaneous output of 6400W.

9. SPECIFICATIONS

| Feature | Specification |
|-------------------|--|
| Model | P3200 |
| Capacity | 2048Wh |
| Rated AC Output | 3200W |
| Peak AC Output | 6400W |
| Battery Type | LiFePO4 (Lithium Iron Phosphate) |
| Cycle Life | Approx. 4000 cycles to 80% capacity |
| AC Charging Speed | 50 minutes to 100% (dual charging) |
| Solar Input (Max) | 2500W |
| Weight | 24 kg |
| Dimensions | Not specified in detail for P3200, but designed for portability. |
| Output Ports | 4x AC, 4x USB-A, 4x USB-C, DC outputs, Car Socket |
| Other Features | EPS Function, App Remote Control (Wi-Fi/Bluetooth), LED Light, Casters |

製品サイズ



Image: Product dimensions of the P3200.

10. WARRANTY AND SUPPORT

The ECOGREAT IEE P3200 Portable Power Station comes with a 5-year long-term warranty, ensuring peace of mind for your investment. For any technical support, warranty claims, or product inquiries, please refer to the contact information provided in your warranty card or visit the official ECOGREAT website.

