EcoVolt P3200

EcoVolt IEE P3200 Power Station User Manual

Model: P3200 (P2001 Plus)

Introduction

Thank you for choosing the EcoVolt IEE P3200 Power Station. This 2048Wh solar generator is designed to provide reliable power for various applications, including home backup, camping, and RV use. It features fast charging capabilities and APP control for convenient management. This manual provides essential information for safe operation, maintenance, and troubleshooting.

Safety Instructions

Please read and understand all safety instructions before operating the EcoVolt IEE P3200 Power Station. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble, repair, or modify the unit.
- Keep the unit away from fire and direct sunlight.
- Do not use or store the unit in a bathroom or in an area exposed to water or rain.
- Do not use the unit in an environment with high temperature.
- Do not use the unit if it is damaged or has been dropped.
- Ensure proper ventilation during use to prevent overheating.
- Keep out of reach of children and pets.

Package Contents

Verify that all items are included in your package:

- EcoVolt IEE P3200 Power Station
- 200W Solar Panel (if purchased as a bundle)
- AC Charging Cable
- Car Charging Cable

- User Manual

Product Overview

Familiarize yourself with the components and ports of your EcoVolt IEE P3200 Power Station.



Figure 1: EcoVolt IEE P3200 Power Station with accompanying solar panel. The power station features multiple AC outlets, car sockets, and a digital display. A smartphone displaying the companion app is also visible.

Components and Ports

- **Digital Display Screen:** Shows battery level, input/output power, and status indicators.
- **AC Outlets:** Multiple standard AC outlets for household appliances.
- **Car Sockets:** 12V DC output for car appliances.
- **USB Ports:** USB Type-C and standard USB ports for charging mobile devices.
- **DC Input Port:** For charging via AC adapter or solar panel.
- **Power Button:** To turn the unit on/off.
- **AC ON/OFF Button:** To activate/deactivate AC output.
- **Wheels and Extendable Handle:** For easy portability.

Digital Display Indicators

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

- **Battery Level Indicator:** Shows remaining battery percentage.
- **Input Power (W):** Displays the current charging power.
- **Output Power (W):** Displays the total power being drawn by connected devices.
- **Remaining Charging/Discharging Time:** Estimates the time until full charge or depletion.
- **Error Indicators:** Alerts for overheating, overload, or other issues.

Setup

Before first use, ensure the power station is fully charged.

1. **Unpack:** Carefully remove the EcoVolt IEE P3200 Power Station and all accessories from the packaging.
2. **Initial Charge:** Connect the AC charging cable to the power station's DC input port and plug the other end into a standard wall outlet. The display will show input power and charging status. Charge until the battery indicator shows 100%.
3. **Download APP:** For APP control features, download the EcoVolt companion application from your smartphone's app store. Follow the in-app instructions to pair your device.

Operating Instructions

Turning On/Off

- **To Turn On:** Press and hold the Power Button for 3 seconds. The display will light up.
- **To Turn Off:** Press and hold the Power Button for 3 seconds again. The display will turn off.

Using AC Outlets

1. Ensure the power station is turned on.
2. Press the AC ON/OFF button to activate the AC output. The AC indicator on the display will illuminate.
3. Plug your AC appliances into the AC outlets.
4. When finished, press the AC ON/OFF button again to turn off the AC output and conserve battery.

Using DC/USB Ports

1. Ensure the power station is turned on.
2. Plug your USB or 12V DC devices into the respective ports. These ports are typically active when the unit is on.

Charging the Power Station

The EcoVolt IEE P3200 can be charged via AC wall outlet, car charger, or solar panels.

- **AC Charging:** Connect the AC charging cable to the DC input port and a wall outlet.
- **Car Charging:** Connect the car charging cable to the DC input port and your vehicle's 12V cigarette lighter socket.
- **Solar Charging:**
    a. Unfold the 200W solar panel and place it in direct sunlight.
    b. Connect the solar panel's output cable to the DC input port of the power station.
    c. Adjust the panel's angle for optimal sunlight exposure. The display will show the solar input power.

APP Control

The EcoVolt APP allows for remote monitoring and control of your power station.

- Monitor battery status, input/output power.
- Remotely turn on/off AC outlets and other functions.
- View charging history and estimated remaining time.
- Receive firmware updates.

Refer to the APP's in-app guide for detailed instructions on pairing and using all features.

Maintenance

Cleaning

Wipe the unit with a dry, soft cloth. Do not use abrasive cleaners or solvents.

Storage

- Store the power station in a cool, dry place, away from direct sunlight and extreme temperatures.
- For long-term storage, charge the unit to approximately 50-80% every 3-6 months to maintain battery health.
- Avoid storing in environments with high humidity.

Troubleshooting

Problem	Possible Cause	Solution
Unit does not turn on.	Battery is completely depleted.	Connect to AC power and charge for at least 10 minutes before attempting to turn on.
AC output not working.	AC output not activated; Overload protection triggered.	Press the AC ON/OFF button. Reduce the total power draw of connected devices.
Solar charging not working.	Insufficient sunlight; Panel not connected properly; Panel or cable damaged.	Ensure panel is in direct sunlight and angled correctly. Check all connections. Inspect panel and cable for damage.
Display shows an error code.	Internal fault; Overheating.	Note the error code and refer to the full online manual or contact customer support. Ensure proper ventilation.

Specifications

Feature	Detail
Model	IEE P3200 (P2001 Plus)
Battery Capacity	2048Wh
Product Dimensions	18 x 19 x 15 inches
Input Voltage	100V (AC)
Special Features	Fast Charging, APP Control, Wireless (display)
Manufacturer	Shenzhen Yunji New Energy Technology Co., Ltd

Feature	Detail
Date First Available	July 16, 2025

Warranty and Support

EcoVolt products come with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official EcoVolt website.
For technical support, troubleshooting assistance, or warranty claims, please contact EcoVolt customer service:

- **Website:** EcoVolt Official Store on Amazon
- **Email:** Refer to product packaging or official website for contact email.
- **Phone:** Refer to product packaging or official website for contact phone number.

Please have your product model number (P3200 / P2001 Plus) and purchase date ready when contacting support.

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