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Green Cell UPSLM1200

Green Cell PowerProof UPS 2000VA/1200W

Model: UPSLM1200 - User Manual

1. Introduction

The Green Cell PowerProof UPS 2000VA/1200W is an Uninterruptible Power Supply designed to provide reliable power protection for sensitive electronic devices. It safeguards equipment such as computers, routers, and network devices from power outages, surges, and voltage fluctuations, thereby preventing data loss and hardware damage. Featuring a modified sine wave output, this UPS ensures your devices continue to operate smoothly during power interruptions with a fast transfer time of 2-6 milliseconds. The integrated LCD display offers real-time monitoring of the UPS's operational status, including battery level, input/output voltage, and alerts.

2. Safety Instructions

Please read and follow these safety instructions carefully before installing, operating, or maintaining the UPS.

- Do not open the UPS casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel.
- Do not connect appliances that could overload the UPS, such as laser printers, vacuum cleaners, or heaters, to the UPS output sockets.
- Ensure the UPS is connected to a grounded power outlet.
- Do not expose the UPS to rain, moisture, or direct sunlight. Operate it in a well-ventilated area.
- In case of fire, use a dry chemical fire extinguisher. Do not use water.
- The UPS contains batteries. Do not dispose of the UPS or its batteries in fire. Batteries may explode.
- Disconnect the UPS from the power outlet before cleaning or performing any maintenance.

3. Package Contents

Verify that all items are present in the package:

- Green Cell PowerProof UPS 2000VA/1200W Unit
- User Manual
- USB Communication Cable (if included)

- Output Power Cables (IEC to Schuko, if included)

Note: Power input cables and some output cables may not be included and might need to be purchased separately depending on your region and specific needs.

4. Product Overview

Front View



The front panel features the LCD display for status monitoring and the main power button. The Green Cell logo is prominently displayed.

Side View



The side panels are equipped with ventilation grilles to ensure proper airflow and prevent overheating of the internal components.

Rear View (Connectivity Ports)



The rear panel includes the AC input, 4 Schuko output sockets, 2 IEC output sockets, a USB communication port, and RJ45 ports for network protection.

LCD Display



The LCD display provides critical information at a glance, including input voltage, output voltage, battery charge level, and current operating mode. It also shows alerts for errors or warnings.

5. Setup

1. **Unpacking:** Carefully remove the UPS from its packaging. Inspect for any shipping damage.
2. **Placement:** Place the UPS in a cool, dry, and well-ventilated area, away from direct sunlight, heat sources, and moisture. Ensure there is adequate space around the unit for proper airflow.
3. **Initial Charging:** Before initial use, connect the UPS to a standard wall outlet for at least 8 hours to ensure the internal batteries are fully charged. The UPS will charge even if it is turned off.
4. **Connecting Devices:** Connect your electronic devices (computer, monitor, router, etc.) to the output sockets on the rear of the UPS. Ensure the total power consumption of connected devices does not exceed the UPS's rated capacity (1200W).
5. **USB/RJ45 Connectivity:** For advanced monitoring and automatic shutdown features, connect the USB cable from the UPS to your computer. Use the RJ45 ports to protect network lines from surges.

6. Operating Instructions

Turning On/Off

- **To Turn On:** Press and hold the power button on the front panel for approximately 3 seconds until you hear a beep and the LCD display illuminates.
- **To Turn Off:** Press and hold the power button for approximately 3 seconds until the display turns off.

LCD Display Information

The LCD display cycles through various information screens, providing real-time status updates:

- **Input Voltage:** Shows the current voltage from the wall outlet.
- **Output Voltage:** Displays the voltage supplied by the UPS to connected devices.
- **Battery Status:** Indicates the remaining battery charge level.
- **Load Level:** Shows the percentage of the UPS's capacity being used by connected devices.
- **Operating Mode:** Indicates if the UPS is operating on utility power, battery power, or in bypass mode.
- **Error/Warning Indicators:** Alerts for issues such as overload, low battery, or fault conditions.

Cold Start Function

The UPS supports a cold start function, allowing you to power on the connected devices using battery power even when there is no utility power available. To perform a cold start, ensure the UPS is off and not connected to the main power, then press and hold the power button for approximately 3 seconds.

Key Features Overview

Your browser does not support the video tag.

This video highlights key features of the Green Cell PowerProof UPS, including its fast transfer time (less than 10 milliseconds), Line-Interactive AVR technology for voltage regulation, dedicated app for monitoring, clear LED display, and comprehensive protection against surges, overloads, and short circuits. It demonstrates how the UPS ensures continuous operation even during power outages.

7. Maintenance

- **Battery Care:** To maximize battery life, ensure the UPS is connected to a power outlet and charging continuously. Avoid frequent deep discharges. Perform a full discharge and recharge cycle every 3-6 months to calibrate the battery meter.
- **Cleaning:** Disconnect the UPS from the power outlet and all connected devices before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid or aerosol cleaners.
- **Ventilation:** Regularly check that the ventilation grilles are free from dust and obstructions to ensure proper cooling.

8. Troubleshooting

Problem	Possible Cause	Solution
UPS does not turn on	Low battery; No input power; Faulty unit	Charge the UPS for at least 8 hours; Check power cord and outlet; Contact support if problem persists.
Short backup time	Overload; Battery not fully charged; Old battery	Reduce connected load; Charge UPS for 8+ hours; Consider battery replacement if old.

Problem	Possible Cause	Solution
Continuous beeping	Overload; Low battery; Fault condition	Reduce connected load; Allow battery to charge; Check LCD for error codes and consult manual.
UPS not providing power to devices	UPS is off; Output sockets not enabled; Internal fault	Turn on the UPS; Ensure devices are plugged into battery-backed outlets; Contact support.

9. Specifications

Feature	Detail
Brand	Green Cell
Model Number	UPSLM1200
Capacity	2000VA / 1200W
Output Waveform	Modified Sine Wave
Input Voltage	230 Volt
Output Voltage	230 Volt
Amperage	5.2 Ampere
Battery Type	Lead-Acid (2 x 12V/9Ah)
Transfer Time	2-6 ms
Product Dimensions (DxWxH)	20.5 x 39.7 x 14.6 cm
Item Weight	11.5 Kilograms
Housing Material	Plastic
Connectivity	USB, RJ45, 4 Schuko sockets, 2 IEC sockets
Country of Origin	China

10. Warranty and Support

The Green Cell PowerProof UPS 2000VA/1200W comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. For technical support, warranty claims, or any questions regarding your UPS, please contact Green Cell customer service through their official website or the retailer where the product was purchased. Please have your model number (UPSLM1200) and proof of purchase ready when contacting support.

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