

PowerWalker 10121151

PowerWalker VI 3000 SCL FR UPS User Manual

Model: 10121151 | Brand: PowerWalker

1. INTRODUCTION

Thank you for choosing the PowerWalker VI 3000 SCL FR Uninterruptible Power Supply (UPS). This device is designed to provide reliable power protection for your electronic equipment against power outages, surges, and spikes. It ensures continuous operation and safeguards your valuable data and hardware. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your UPS. Please read it thoroughly before using the product and keep it for future reference.



Figure 1.1: PowerWalker VI 3000 SCL FR UPS

This image shows the PowerWalker VI 3000 SCL FR UPS from an angled front perspective, highlighting its compact black casing and the front display panel.

2. SAFETY INSTRUCTIONS

Please observe the following safety precautions to ensure safe operation and to prevent damage to the UPS or connected equipment.

- **Electrical Safety:** Do not open the UPS casing. There are no user-serviceable parts inside. Refer all servicing to qualified service personnel. Ensure the UPS is connected to a grounded power outlet.
- **Placement:** Place the UPS in a well-ventilated area, away from direct sunlight, heat sources, and moisture. Do not block ventilation openings.
- **Battery Safety:** The UPS contains internal batteries. Do not dispose of batteries in a fire, as they may explode. Do not open or mutilate batteries. Electrolyte is harmful to the skin and eyes.
- **Overload:** Do not overload the UPS. Ensure the total power consumption of connected devices does not exceed the UPS's rated capacity (1800W).

3. PACKAGE CONTENTS

Carefully unpack the UPS and check the contents of the package. You should find the following items:

- PowerWalker VI 3000 SCL FR UPS Unit
- User Manual (this document)
- USB Cable (for HID driver communication)
- Power Cord(s)

If any items are missing or damaged, please contact your dealer immediately.

4. PRODUCT OVERVIEW

4.1 Front Panel



Figure 4.1: Front Panel of the UPS

This image displays the front panel of the PowerWalker VI 3000 SCL FR UPS, showing the LCD display and the power button.

1. **LCD Display:** Shows real-time status information such as input/output voltage, battery level, load capacity, and various operational modes.
2. **Power Button:** Used to turn the UPS ON or OFF.

4.2 Rear Panel



Figure 4.2: Rear Panel of the UPS

This image illustrates the rear panel of the PowerWalker VI 3000 SCL FR UPS, detailing the various input/output ports and sockets.

1. **COM.PORT (RS-232):** Serial communication port for monitoring software.
2. **USB Port:** USB communication port for monitoring software and HID driver functionality.
3. **Output Sockets (French Type):** Connect your critical equipment here. These outlets provide battery backup and surge protection.
4. **Input Power Cord:** Connects the UPS to the utility power outlet.

5. **RJ11/RJ45 Protection (IN/OUT):** Provides surge protection for telephone/network lines.
6. **Reset Button:** Used to reset the UPS in certain error conditions.

5. SETUP

5.1 Placement

Choose a suitable location for your UPS:

- Place the UPS on a flat, stable surface.
- Ensure adequate airflow around the unit. Maintain at least 10 cm (4 inches) clearance from walls or other obstructions.
- Avoid areas with excessive dust, humidity, or extreme temperatures.

5.2 Connecting to Power

1. Connect the UPS input power cord to a grounded wall outlet.
2. Allow the UPS to charge for at least 8 hours before initial use to ensure optimal battery runtime. The UPS will charge whether it is turned ON or OFF.

5.3 Connecting Equipment

1. Plug your computer, monitor, and other critical devices into the output sockets on the rear panel of the UPS.
2. Do not connect laser printers or shredders to the UPS, as their high surge current during startup may overload the unit.
3. For network/telephone line protection, connect your modem/router to the RJ11/RJ45 IN port and then connect the OUT port to your device.

6. OPERATING

6.1 Turning the UPS 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 you hear a beep and the LCD display turns off.

6.2 Understanding the LCD Display

The LCD display provides real-time status of the UPS. Key indicators include:

- **Input Voltage:** Displays the current utility power voltage.
- **Output Voltage:** Displays the voltage supplied by the UPS to connected devices.
- **Battery Level:** Indicates the remaining battery charge.
- **Load Capacity:** Shows the percentage of the UPS's capacity being used by connected devices.
- **Operating Mode:** Indicates if the UPS is operating on utility power (AC mode) or battery power (Battery mode).

6.3 Software Installation (Optional)

For advanced monitoring and management features, you can install the PowerWalker monitoring software.

This software allows you to:

- Monitor UPS status and power conditions.
- Perform scheduled shutdowns.
- Receive alerts for power events.

Connect the UPS to your computer using the provided USB cable. The UPS supports HID (Human Interface Device) driver, allowing basic functionality without additional software on compatible operating systems.

7. MAINTENANCE

7.1 Battery Care

- To maintain optimal battery life, ensure the UPS is connected to a power outlet at all times to keep the batteries charged.
- Perform a battery calibration (if supported by software) or a full discharge/recharge cycle every 3-6 months to ensure accurate battery runtime readings.
- Batteries are consumable items and will degrade over time. Replace batteries when their runtime significantly decreases.

7.2 Cleaning

Clean the exterior of the UPS with a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure ventilation openings are free from dust and debris.

7.3 Storage

If storing the UPS for an extended period, ensure the batteries are fully charged. Recharge the batteries every three months to prevent permanent damage due to self-discharge.

8. TROUBLESHOOTING

If you encounter issues with your UPS, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
UPS does not turn ON	No utility power; Low battery; Power button not pressed long enough.	Check power cord connection; Allow UPS to charge for 8 hours; Press and hold power button for 3 seconds.
UPS beeps continuously in AC mode	Overload condition.	Disconnect non-essential equipment until the alarm stops.
UPS switches to battery mode frequently	Unstable utility power; High/low input voltage.	This is normal operation. If frequent, check utility power quality.
Battery runtime is shorter than expected	Batteries not fully charged; Batteries reaching end of life; Overload.	Allow 8 hours for charging; Consider battery replacement; Reduce connected load.

If the problem persists after trying the above solutions, please contact customer support.

9. SPECIFICATIONS

Technical specifications for the PowerWalker VI 3000 SCL FR UPS:

Feature	Value
Model Number	10121151
Capacity	3000VA / 1800W
Voltage	290 Volt
Product Dimensions	39.7 x 14.6 x 20.5 cm
Item Weight	11.5 Kilograms
Color	Black
Material	Polycarbonate (PC)
First Available Date	27. December 2019

10. WARRANTY AND SUPPORT


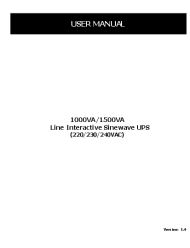


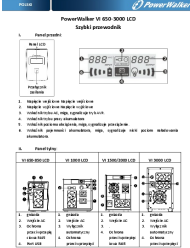
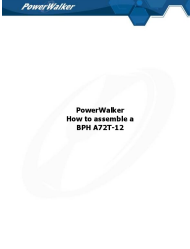
10.1 Warranty Information

PowerWalker products are manufactured to the highest quality standards. This UPS comes with a standard manufacturer's warranty against defects in materials and workmanship. Please refer to the warranty card included with your product or visit the official PowerWalker website for detailed warranty terms and conditions.

10.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact PowerWalker customer support. You can typically find contact information on the PowerWalker official website or through your local distributor.

When contacting support, please have your product model number (10121151) and serial number ready.

	<p>PowerWalker Basic VI 3000 STL User's Manual and Technical Specifications</p> <p>User's manual for the PowerWalker Basic VI 3000 STL line-interactive UPS, detailing installation, operation, technical specifications, troubleshooting, and software management for reliable power protection.</p>
	<p>PowerWalker 1000VA/1500VA Line Interactive Sinewave UPS User Manual</p> <p>This user manual provides detailed information on the PowerWalker 1000VA and 1500VA Line Interactive Sinewave UPS models, including safety instructions, installation, operation, battery replacement, troubleshooting, and technical specifications.</p>
	<p>PowerWalker Inverter 3000 PSW User Manual</p> <p>User manual for the PowerWalker Inverter 3000 PSW, detailing installation, operation, specifications, and troubleshooting procedures for reliable power conversion.</p>
	<p>PowerWalker VFI UPS User Manual: Installation, Operation, and Maintenance</p> <p>Comprehensive user manual for PowerWalker VFI 1000, 1500, 2000, and 3000 TG/TGS/TGB series Uninterruptible Power Supplies (UPS). Covers safety, installation, operation, troubleshooting, technical specifications, and software.</p>
	<p>PowerWalker VI 650-3000 LCD Quick Guide</p> <p>This document provides a quick guide to the PowerWalker VI 650-3000 LCD series of Uninterruptible Power Supplies (UPS), detailing front and rear panel components, alarm functions, and technical specifications.</p>
	<p>PowerWalker BPH A72T-12 Battery Pack Assembly Guide</p> <p>Step-by-step instructions for assembling the PowerWalker BPH A72T-12 72V Battery Pack, including important safety warnings, storage guidelines, and standard operating procedures.</p>