

PowerWalker 10122182

PowerWalker VFI 3000 AT UPS User Manual

Model: 10122182

INTRODUCTION

The PowerWalker VFI AT series is an online Uninterruptible Power Supply (UPS) system designed to provide reliable power protection for critical electronic devices. This manual provides essential information for the safe and efficient operation of your PowerWalker VFI 3000 AT UPS, model 10122182.

IMPORTANT SAFETY INSTRUCTIONS

Please read and follow all instructions carefully before installing, operating, or servicing the UPS. Keep this manual for future reference.

- This UPS contains hazardous voltages. Do not attempt to disassemble the unit. Servicing should only be performed by qualified personnel.
- The UPS must be connected to a grounded AC power outlet.
- Do not block ventilation openings. Ensure adequate airflow around the UPS.
- Do not install the UPS in direct sunlight, near heat sources, or in environments with excessive dust, humidity, or corrosive substances.
- The internal batteries are not user-replaceable. Contact qualified service personnel for battery replacement.
- In case of fire, use a dry chemical fire extinguisher. Water can be dangerous.

PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, contact your dealer.

- PowerWalker VFI 3000 AT UPS Unit
- User Manual (this document)
- USB Communication Cable
- Power Input Cable

- Software CD (if applicable)

PRODUCT OVERVIEW

Front Panel



Figure 1: Front view of the PowerWalker VFI 3000 AT UPS. This image displays the main chassis, ventilation grilles, and the front control panel with its LCD screen and buttons.





Figure 2: Detailed view of the UPS front panel. The LCD screen shows input/output voltage and load status. Below the screen are control buttons: ON, OFF, ENTER, and ESC, used for navigating menus and controlling the unit.

The front panel features an LCD display that provides real-time information about the UPS status, including input/output voltage, battery level, and load capacity. Control buttons allow for navigation through the display menus and basic operation of the unit.

Rear Panel





Figure 3: Rear view of the PowerWalker VFI 3000 AT UPS. This panel includes multiple Type F earthing contact outlets for connecting protected devices, cooling fans, a main power input, and communication ports (USB, RS-232, and an optional slot for network card).

The rear panel provides the necessary connections for input power, output to protected devices, and communication interfaces. It includes four Type F earthing contact outlets, a terminal output, USB and RS-232 communication ports, and slots for optional accessories like network cards.

SETUP INSTRUCTIONS

1. Placement

- Place the UPS on a flat, stable surface.
- Ensure the environment is well-ventilated and free from excessive dust or moisture.
- Maintain at least 20 cm (8 inches) of clearance from the rear and sides of the UPS for proper airflow.
- Avoid placing the UPS near heat-emitting appliances.

2. Connecting to Power

1. Connect the provided power input cable to the UPS input receptacle on the rear panel.
2. Plug the other end of the power input cable into a grounded wall outlet.
3. Allow the UPS to charge for at least 8 hours before initial use to ensure optimal battery performance.

3. Connecting Devices

1. Plug your critical devices (e.g., computers, servers, network equipment) into the Type F output receptacles on the rear panel of the UPS.
2. Ensure that the total load connected to the UPS does not exceed its rated capacity (2700W for this model).
3. For devices requiring terminal output, connect them according to electrical safety standards.

4. Initial Startup

1. After connecting the UPS to AC power and allowing initial charging, press and hold the **ON** button on the front panel for approximately 2 seconds.
2. The UPS will perform a self-test, and the LCD display will illuminate, indicating operational status.
3. The UPS is now providing protected power to the connected devices.

OPERATING THE UPS

Turning On/Off

- **To Turn On:** Press and hold the **ON** button for 2 seconds.
- **To Turn Off:** Press and hold the **OFF** button for 2 seconds. The UPS will shut down, and power to connected devices will cease.

Understanding the LCD Display

The LCD display provides critical information about the UPS status. Use the **ENTER** and **ESC** buttons to navigate through different display screens, which may include:

- Input Voltage and Frequency
- Output Voltage and Frequency
- Battery Charge Level
- Load Percentage
- Operating Mode (Online, Battery, Bypass)
- Error Codes (if any)

Battery Backup Operation

In the event of a power outage or significant voltage fluctuation, the UPS will automatically switch to battery power to provide continuous power to connected devices. An audible alarm may sound, and the LCD will indicate "Battery Mode." The duration of battery backup depends on the load connected and the battery charge level.

Communication Software

For advanced monitoring and management, install the provided communication software on a computer connected to the UPS via the USB or RS-232 port. This software allows for scheduled shutdowns, remote monitoring, and detailed event logging.

MAINTENANCE

Battery Care

- Ensure the UPS is connected to AC power at all times to keep the batteries fully charged.
- Perform a battery self-test periodically (e.g., once every 3 months) using the UPS front panel controls or communication software to verify battery health.
- Batteries have a limited lifespan. If the battery backup time significantly decreases, contact qualified service personnel for replacement.

Cleaning

- Disconnect the UPS from AC power and all connected devices before cleaning.
- Use a soft, dry cloth to wipe the exterior of the UPS.
- Do not use liquid or aerosol cleaners, as they may damage the unit.
- Periodically clean the ventilation grilles to prevent dust buildup, which can impede airflow and cause overheating.

Storage

- If storing the UPS for an extended period, ensure the batteries are fully charged.
- Store the UPS in a cool, dry place.

- Recharge the batteries every 3 months during storage to prevent deep discharge and prolong battery life.

TROUBLESHOOTING

Refer to the table below for common issues and their solutions. If the problem persists, contact technical support.

Problem	Possible Cause	Solution
UPS does not turn on.	No AC input power. Low battery charge.	Check power cord connection and wall outlet. Allow UPS to charge for several hours.
UPS beeps continuously in normal mode.	Overload condition. Internal fault.	Reduce the load by unplugging non-essential devices. Contact technical support.
Short backup time.	Batteries not fully charged. Batteries reaching end of life. Excessive load.	Allow UPS to charge for 8+ hours. Contact service for battery replacement. Reduce connected load.
UPS is noisy.	Normal fan operation (especially under load). Fan obstruction.	This is normal for online UPS units. Ensure proper ventilation. Check for and clear any obstructions around fans.

SPECIFICATIONS

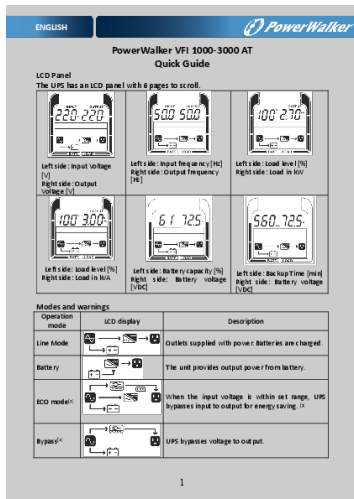
Feature	Detail
Model	10122182
Capacity	3000 VA / 2700 W
Input Voltage	300 Volts (nominal)
Output Voltage	300 Volts (nominal)
Battery Type	Lead-Acid, AGM
Batteries Included	Yes
Output Outlets	4x Type F Earthing Contact, Terminal Output
Form Factor	Tower
Dimensions (L x W x H)	41.6 x 19.6 x 34.2 cm
Weight	21 kg
Material	Plastic
Amperage	9 Amps

WARRANTY AND SUPPORT

The PowerWalker VFI 3000 AT UPS is covered by a manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official PowerWalker website. For technical support, service inquiries, or to report any issues, please contact your local dealer or PowerWalker customer service. Have your model number (10122182) and purchase information ready when contacting support.

Related Documents - 10122182

	<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 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 VFI Series UPS Manual: Installation, Operation, and Specifications</p> <p>Comprehensive user manual for PowerWalker VFI CG and RMG/S series Uninterruptible Power Supply (UPS) systems. Covers safety, installation, operation, maintenance, troubleshooting, and detailed specifications for models including VFI 1000, 1500, 2000, and 3000.</p>
	<p>PowerWalker VFI 10K CPH UPS Manual: Installation, Operation, and Specifications</p> <p>Comprehensive user manual for the PowerWalker VFI 10K CPH series Uninterruptible Power Supply (UPS). Covers installation, operation modes, troubleshooting, maintenance, and technical specifications for stand-alone and modular solutions up to 100kW.</p>
	<p>Руководство пользователя PowerWalker VI серии STL: Безопасность, установка и эксплуатация</p> <p>Полное руководство пользователя для источников бесперебойного питания PowerWalker VI серии STL (модели 600-2200 BA). Содержит важные инструкции по безопасности, шаги установки, основные операции, технические характеристики и устранение неисправностей.</p>
	<p>Instrukcja Obsługi PowerWalker Basic VI STL UPS</p> <p>Przewodnik użytkownika dla serii zasilaczy bezprzerwowego zasilania (UPS) PowerWalker Basic VI STL. Zawiera instrukcje bezpieczeństwa, instalacji, obsługi i rozwiązywania problemów dla modeli 600-2200VA.</p>



[\[pdf\]](#) User Manual Guide

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ENGLISH PowerWalker VFI 1000-3000 AT Quick Guide LCD Panel The UPS has an LCD panel with 6 pages to scroll. Left side: Input Voltage V Right side: Output Voltage V Left side: Input frequency Hz Right side: Output frequency Hz Left side: Load level Right side: Load in kW Left side: Lo...

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[\[pdf\]](#) Specifications Datasheet Accessories Borchure Catalog

PowerWalker Catalogue Kacper Matuszynski VFI 1000 3000 AT gr powerwalker USB with Human

Interface Device HID support and Intelligent Slot for communication cards Wide input voltage range all environments AC generator Promo datasheets gzhls at blob ldb f 9 3 a

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Das deutsche Synology Support Forum ja auch eine Onlineconfig Aha die SW gibts wieder nur für Win

und nicht Mac Oder braucht man hat Eaton ein Browser Frontend von den techn Daten spricht mich

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Online UPS VFI 1000-3000 AT USB with Human Interface Device HID support and

Intelligent Slot for communication cards Wide input voltage range for all environments

and support for AC generator Several versions - Type F CEE 7/3 , Type E CEE 7/5 ,

Type G BS 1363 Easy to connect Battery Pack...

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