Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Liebert PST5-660MT120

Vertiv Liebert PST5 UPS User Manual

Model: PST5-660MT120

Introduction

The Vertiv Liebert PST5 UPS (Uninterruptible Power Supply) provides reliable and cost-effective power protection for your electronic devices. This 660VA/400W 120V standby UPS offers battery backup and surge protection, ensuring your equipment remains operational during power outages and is safeguarded against damaging surges and spikes. It is Energy Star certified for energy efficiency.
This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Liebert PST5 UPS.

Package Contents

- 1 x Liebert PST5 UPS Unit
- 1 x USB Type A to USB Type B Cable (2 meters / ~6.5 ft in length)

Product Overview

Familiarize yourself with the key components and features of your Liebert PST5 UPS.



Figure 1: Top view of the Liebert PST5 UPS, highlighting the eight NEMA 5-15R outlets (four surge-only and four battery backup with surge protection) and the LCD display.



Figure 2: Rear view of the Liebert PST5 UPS, illustrating the USB communication port, RJ45/11 ports for telephone/network data line protection, and coaxial ports for cable/satellite line protection.



Figure 3: Angled front view of the Liebert PST5 UPS, showing its compact design suitable for various setups.



Figure 4: Example of the Liebert PST5 UPS installed discreetly under a desk, providing power protection for a computer workstation.

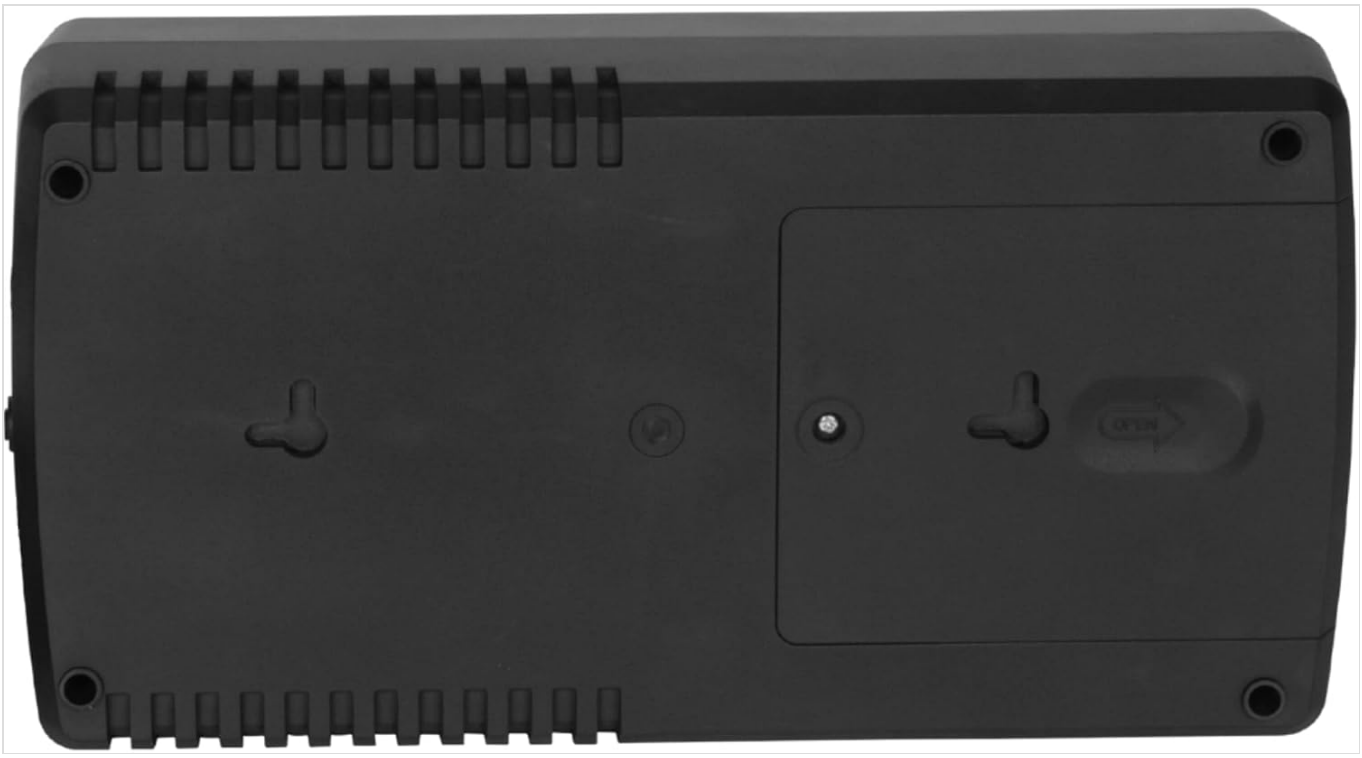

Figure 5: Bottom view of the Liebert PST5 UPS, revealing keyhole slots for wall mounting or secure placement.

Setup Instructions

1. **Unpacking:** Carefully remove the UPS unit and all accessories from the packaging. Inspect for any shipping

damage.

2. **Placement:** Place the UPS on a flat, stable surface, away from direct sunlight, heat sources, and excessive moisture. Ensure adequate ventilation around the unit.
3. **Initial Charging:** Connect the UPS to a standard wall outlet using its attached power cord. Allow the unit to charge for at least 8 hours before connecting any devices to ensure full battery capacity.
4. **Connecting Devices:**
    - **Battery Backup & Surge Outlets:** Plug critical devices such as your computer, monitor, and router into the outlets labeled "BATTERY BACKUP". These outlets provide power during outages and surge protection. There are 4 such outlets, with 2 widely spaced for transformer-block plugs.
    - **Surge Only Outlets:** Plug non-critical devices like printers or desk lamps into the outlets labeled "SURGE ONLY". These outlets provide surge protection but no battery backup. There are 4 such outlets.
5. **Data Line Protection (Optional):** For telephone or network line protection, connect your incoming phone/network line to the "IN" RJ45/11 port on the rear of the UPS, and then connect a cable from the "OUT" port to your device (e.g., modem, phone). Similarly, for coaxial cable protection, connect your incoming coaxial cable to the "IN" port and then from the "OUT" port to your device.
6. **USB Communication:** Connect the provided USB cable from the UPS's USB port to your computer's USB port. This enables communication for notifications and controlled shutdown with free software download (refer to the "Operating Instructions" section for software details).
7. **Power On:** Press the power button on the front of the UPS to turn it on. The LCD screen will illuminate, indicating the unit is operational.

Operating Instructions

LCD Display and Controls

The LCD display provides real-time information about the UPS status, battery level, input/output voltage, and load capacity. Use the control buttons next to the display to navigate through the information and adjust settings.

Power Outage Operation

During a power outage, the UPS will automatically switch to battery power, providing continuous power to connected devices on the "BATTERY BACKUP" outlets. The unit will emit an audible alarm to indicate it is operating on battery power. The LCD will show the remaining battery runtime.

Software for Controlled Shutdown

For advanced monitoring and automatic, graceful shutdown of your computer during extended power outages, download the free shutdown software from the Vertiv website. Connect the UPS to your computer via the USB cable to utilize this feature. The software allows you to configure shutdown parameters and receive alerts.

Silencing the Alarm

If the UPS alarm is beeping during a power event and you wish to silence it, press and hold the display button for approximately 2 seconds. The unit should emit two beeps, indicating the alarm has been silenced. This feature is useful if you are aware of the power outage and do not require continuous audible alerts.

Maintenance

- **Battery Replacement:** The Liebert PST5 UPS features an easily replaceable battery. Refer to the full user manual (available online) for detailed instructions on safe battery replacement. It is recommended to replace the

battery every 3-5 years, or when the UPS indicates a battery fault.

- **Cleaning:** Keep the UPS unit clean and free of dust. Use a dry, soft cloth to wipe down the exterior. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure that the ventilation openings on the UPS are not blocked. Proper airflow is crucial for preventing overheating and maintaining optimal performance.
- **Storage:** If storing the UPS for an extended period, ensure the battery is fully charged. Recharge the battery every 3 months to prevent permanent damage. Store in a cool, dry place.

Troubleshooting

Problem	Possible Cause	Solution
UPS does not turn on.	Battery not charged or unit not connected to AC power.	Ensure the UPS is plugged into a live wall outlet. Allow the battery to charge for at least 8 hours.
UPS beeps continuously or frequently.	Operating on battery power, low battery, or overload.	During a power outage, this is normal. To silence, press and hold the display button for 2 seconds. If not during an outage, check the load on the UPS and reduce if overloaded. Ensure the UPS is fully charged.
No power to connected devices.	UPS is off, battery depleted, or circuit breaker tripped.	Turn on the UPS. Check the LCD for battery status. If the battery is depleted, allow it to recharge. Check the circuit breaker on the back of the UPS and reset if tripped.
"Fault" indicator on LCD.	Internal fault or battery issue.	Unplug all devices and the UPS from the wall. Wait a few minutes, then plug the UPS back in. If the fault persists, contact customer support.

For more detailed troubleshooting, please refer to the complete user manual available on the Vertiv website.

Specifications

- **Model:** PST5-660MT120
- **Capacity:** 660VA / 400W
- **Input Voltage:** 120V
- **Output Connections:** 8 x NEMA 5-15R (4 Battery Backup & Surge, 4 Surge Only)
- **Input Connection:** NEMA 5-15P with 6 ft cord
- **Battery Type:** Lead Acid (1 Product Specific battery included)
- **Data Line Protection:** RJ45/11 (Tel/Network), Coaxial (Cable/Satellite)
- **Dimensions (D x W x H):** 3.82" x 6.24" x 3.82" (Product Dimensions: 6.24 x 12 x 3.82 inches)
- **Item Weight:** 1 pounds
- **Color:** Black
- **Certifications:** Energy Star Certified

Warranty and Support

The Vertiv Liebert PST5 UPS is backed by a **3-year full unit warranty**, which includes the battery. This is an advanced replacement warranty, ensuring quick resolution in case of product issues.
For detailed warranty terms, technical support, or to download the full user manual, please visit the official Vertiv

website or refer to the documentation provided with your product. You can also find the User Guide (PDF) and User Manual (PDF) at the following link: Vertiv Liebert PST5 User Manual PDF.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B07BXZPF99

More documents and user manuals: **https://manuals.plus/**