

Powertech PT-1000 Import Distribution and Manufacture Data and Media featured



Powertech PT-1000 Import Distribution and Manufacture Data and Media Instruction Manual

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Powertech PT-1000 Import Distribution and Manufacture Data and Media



INSTALLATION

1. Inspection

The following items are inside the box:

- UPS unit
- User Manual
- Power Cord
- USB Cable

Remove the UPS from its package and inspect it for damage that may have occurred during shipping. If any damage is discovered, re-pack the unit and return it to the place of purchase.

2. Connect to Utility Power

Connect AC power cord to utility power. Then, the UPS will start to charge inside battery and the battery level LED will indicate. For best result, charge the battery for 6 hours prior to initial use.

3. Plug in Equipment

Plug the equipment to Outlets on the rear panel of the UPS.

NOTE: Make sure that the UPS is powered on to protect all important devices from data loss during power failure.

CAUTION: NEVER connect half waveform devices or big inrush load devices (e.g. laser printers) to outlets of UPS

4. Connect Com. Port and Install Software

Connect one end of the USB or RS232 cable to PC and the other to the USB or RS232 port at the rear of the UPS. Download the latest version of ViewPower software from

www.power-software-download.com to your hard drive. Follow on-screen instructions to complete the software installation.

OPERATION

1. Turn On the UPS

To turn on the UPS unit, press the ON/Mute button. All LEDs will light on for few seconds. Then, only LED1, LED2, LED3 and LED4 will flash few seconds. Then, the unit will be turned on.

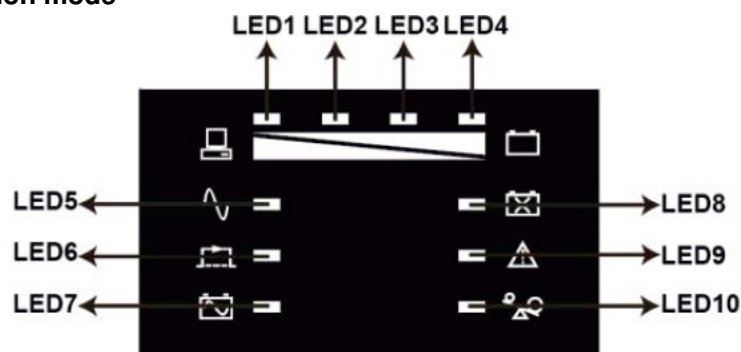
2. Turn Off the UPS

To turn off the UPS unit, press OFF/Enter button. Then, the unit will go off or go standby charging when there is power utility.

3. Switch Displayed Information

Press "Select" button to change displayed info between battery capacity and load level. It will default display load level in Bypass, AC or ECO mode. It will default display battery capacity in battery or test mode.

LED indicators & operation mode



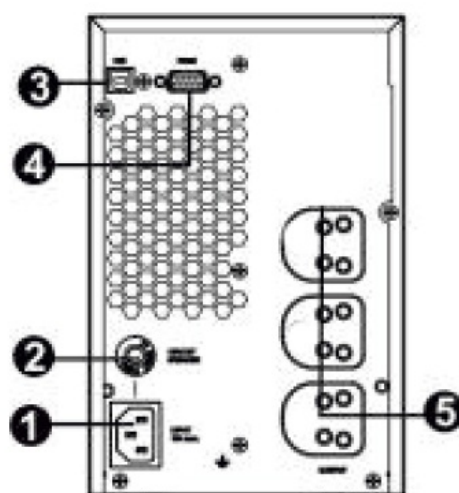
- Condition LED
- Short circuit LED9 on and LED10 flashing
- Overload fault LED9 on and LED10 flashing
- Bad battery LED10 on
- Charger under voltage LED8 on
- Charger over voltage LED1 on and LED8 on
- Charger failure LED4 on and LED8 on
- Inverter fault LED1-LED4 all on and LED8 on
- PFC fault LED1, LED5 and LED9 on
- DC/DC fault LED2, LED5 and LED9 on
- Over-temperature LED1, LED7 and LED9 on
- DC BUS over voltage LED5, LED7 and LED9 on
- Output over voltage LED4 and LED9 on
- Battery disconnected LED8 and LED9 flashing
- Over charging LED1 and LED8 flashing
- Low battery LED8 flashing
- Overload warning LED10 flashing
- Out of bypass range LED6 flashing and LED9 on
- Load heavy LED1-LED4 all flashing
- Other warning LED9 flashing

Note: The LED6 will be ON if the UPS transfers to Bypass mode after fault occurs. Otherwise, the LED6 will be OFF.

Alarm

Situation		Alarm Soundin Soundi
Overload		
Fault		Continu

REAR PANEL



1. AC input
2. Input circuit breaker
3. USB port
4. RS-232 port
5. Output receptacles

SAVE THESE INSTRUCTION-This manual contains important instructions that should be followed during installation and maintenance of the UPS and batteries.

- Please transport the UPS system only in the original package to protect against shock and impact.
- Condensation may occur if the UPS system is moved directly from cold to warm environment. The UPS system must be absolutely dry before being installed. Please allow at least two hours for the UPS system to acclimate the environment.
- Do not install the UPS system near water or in moist environments.
- Do not install the UPS system where it would be exposed to direct sunlight or near heater.
- Do not block ventilation holes in the UPS housing.
- Do not connect appliances or devices which would overload the UPS system (e.g. laser printers) to the UPS output sockets.
- Place cables in such a way that no one can step on or trip over them.
- Do not connect domestic appliances such as hair dryers to UPS output sockets.
- The UPS can be operated by any individuals with no previous experience.
- Connect the UPS system only to an earthed shockproof outlet which must be easily accessible and close to the UPS system.
- Please use only VOE-tested, CE-marked mains cable (e.g. the mains cable of your computer) to connect the UPS system to the building wiring outlet (shockproof outlet).
- Please use only VOE-tested, CE-marked power cables to connect the loads to the UPS system.
- When installing the equipment, it should ensure that the sum of the leakage current of the UPS and the connected devices does not exceed 3.5mA.
- Do not disconnect the mains cable on the UPS system or the building wiring outlet (shockproof socket outlet) during operations since this would cancel the protective earthing of the UPS system and of all connected loads.
- The UPS system features its own, internal current source (batteries). The UPS output sockets or output terminals block may be electrically live even if the UPS system is not connected to the building wiring outlet.
- In order to fully disconnect the UPS system, first press the OFF/Enter button to disconnect the mains.
- Prevent no fluids or other foreign objects from inside of the UPS system.
- The UPS system operates with hazardous voltages. Repairs may be carried out only by qualified maintenance personnel.
- **Caution** – risk of electric shock. Even after the unit is disconnected from the mains (building wiring outlet), components inside the UPS system are still connected to the battery and electrically live and dangerous.
- before carrying out any kind of service and/or maintenance, disconnect the batteries and verify that no current is present and no hazardous voltage exists in the terminals of high capability capacitor such as BUS-capacitors.
- Only persons are adequately familiar with batteries and with the required precautionary measures may replace batteries and supervise operations. Unauthorized persons must be kept well away from the batteries.
- Caution – risk of electric shock. The battery circuit is not isolated from the input voltage. Hazardous voltages may occur between the battery terminals and the ground. Before touching, please verify that no voltage is

present!

- Batteries may cause electric shock and have a high short-circuit current. Please take the precautionary measures specified below and any other measures necessary when working with batteries:
 - remove wristwatches, rings and other metal objects
 - use only tools with insulated grips and handles.
- When changing batteries, install the same number and same type of batteries.
- Do not attempt to dispose of batteries by burning them. This could cause battery explosion.
- Do not open or destroy batteries. Escaping electrolyte can cause injury to the skin and eyes. It may be toxic.
- Please replace the fuse only with the same type and amperage in order to avoid fire hazards.
- Do not dismantle the UPS system

Specifications

- MODEL 1000
- CAPACITY 1 000V A/700W
- Input Voltage 110/120VAC or 220/230/240 VAC
- Input Voltage Range 80-140 VAC \pm 5% or 160-280 VAC \pm 5%
- Output Voltage 110/120VAC or 220/230/240 VAC
- Output Voltage
- Regulation \pm 1 % (Bat. mode)
- Transfer Time Zero
- Waveform Pure Sine Wave
- Battery Type 12V/7Ah
- Battery Number 2
- Charging Time 4-6 hours recover to 90% capacity
- Dimension (DxWxH) 282 X 145 X 220
- Net Weight (kgs) 9.8
- Humidity 20-95% RH @ 0-40°C (non-condensing)
- Noise Level Less than 50dB
- USB/RS-232 Port Supports Windows family, Linux, Unix and MAC
- Unit transfer to ECO mode when long time run on online mode and load > 60%.
- Product specifications are subject to change without further notice.

Problem	Possible Cause	Solutions
LED not lit	The UPS is not on.	Plug in the power utility or press the ON/Muter button to cold start the UPS.
	Battery voltage is too low.	Charge the battery at least 6 hours.
	Battery fault.	Replace the battery.
The UPS always on battery mode.	Power cord loose.	Re-plug the power cord.
The UPS continuously beeps.	Please check the fault code for the details of LED indicates.	Contact your dealer.
Backup time too short.	Battery voltage is too low.	Charge the battery at least 6 hours.
	Overload.	Remove some unnecessary loads. Before reconnecting equipment, please verify that the load matches the UPS capability specified in the specs.
	Battery defect.	Replace the battery.


If any abnormal situations occur that are not listed above, please call for service immediately.

IMPORT, DISTRIBUTION & MANUFACTURE DATA & MEDIA E.E.

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Documents / Resources

	<p>Powertech PT-1000 Import Distribution and Manufacture Data and Media [pdf] Instruction Manual</p> <p>PT-1000 Import Distribution and Manufacture Data and Media, PT-1000, Import Distribution and Manufacture Data and Media, Manufacture Data and Media, Data and Media</p>
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References

- [MEDIA Apxική media.gr - Media](#)
- [DATA & MEDIA EE](#)
- [User Manual](#)

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