PANDA

STAND-BY + A.V.R.

Slim Smart

Intelligent
Uninterruptible Power Supply

datapower
Uninterruptible Power Supply

Model : TPS-250H

TÜV CERT ISO 9002 Certified CE

MADE IN TAIWAN

Precaution

(Read this manual thoroughly before installation)

This equipment contains complicated circuits that are energized with high voltage. Even when AC power is turned off, a hazardous potential may still exist in the UPS. *Please do not open the case or try to repair the **UPS** by yourself.*

1. Intoduction

1.1. Preview

The Uninterruptible Power System supplies continuously computer grade power to your critical load. AVR is built-in to boost up input voltage without draining battery energy as well as a full-time EMI/RFI filtering is supplied to avoid electric noise from affecting computer operation.

1.2. Introducing the Front Panel and Rear Panel

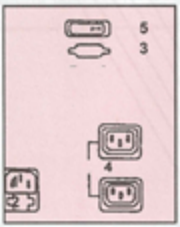
1.2.1. Front View

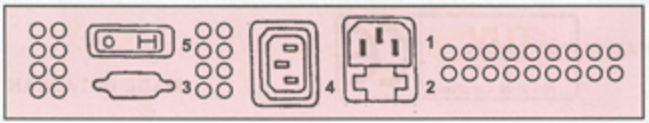
a. Type A: Green LED for Line/Backup (steady/blinking)

b. Type B: 1. Green LED: for Normal / Line
2. Red LED for Backup / Batt. Cutoff

1.2.2. Rear View

1. AC inlet
2. AC Input fuse
3. LAN/Network Interface (DB9)
4. Output Receptacles
5. Master Power Switch





2. TECHNICAL SPECIFICATION

Input voltage range: 175V (AC) to 250V (AC)
Input frequency range: 47Hz to 53Hz
Input AC stabilization range: 185V (AC) to 240 (AC) 50Hz
Output voltage for stabilization range: 220V ± 10%
Reversed input voltage: lower limitation is 180V (AC) and higher. limitation is 245V (AC)
Output reversed AC voltage: 220V (AC). 50Hz (will base on THE TRUE RMS value)

Dimensions	280 x 58 x 250mm (W x H x D)
Weights	7 kg.
Battery Type	12V, 5 Ah x 1
Back-up Time	5 - 8 minutes (typical)
Operating Temperature	0°C ~ + 40°C
Relative Humidity	20% ~ 90% (non-condensing)

3. Installation

3.1 Installation Consideration

1. The area around the UPS system and battery shall be kept free from excessive moisture or dirt.
2. Recommended ambient temperature for operation is 20 to 30 degree Celsuis. Relative humidity must be less than 95% non-condensing.
3. Be sure environmental conditioning systems can acommodate this heat load during utility outages.
4. Utilize the shortest output distributed cable at the installation site and allow enough space for future extension.

3.2 Start up and System Operation

1. The unit can not be started up without AC power applied.
2. Make sure Master Power Switch is OFF, then connect one end of the detachable power cord to the AC inlet on the rear of the UPS and the other end of the dedicated wall outlet.
3. Turn on the power switch then green Line LED lights up in few seconds. Now the unit is ready to work.
4. Turn off the power switch and connect your computer to the outlet of the UPS.
5. Push the power switch on and the green LED lights up. Simulate a power failure condition to see if the UPS works properly.

6. A battery discharge capability test is not recommended if the software in-use is not saved.
7. Green function built-in meets EPA standard. UPS completely shuts down if there is no lod connected. It will automatically switch on provided output load is connected.
8. Do not plug laser printers into the UPS because they drain too much energy.

4. TROUBLESHOOTING

When the unit is malfunctioned during operation, you may check the list below for a proper adjustment. Should the adjustment still be in vain, please conult sales agent for service.

Situation	Check Items	Solution
* Mains normal but Line LED is not on	1. Is the Master Power Switch on? 2. Is the fuse burnt? 3. Is the input power cord loose?	1. Press it on. 2. Change fuse 3. Re-connect input power cord properly
* Buzzer beeps continuously	Check to see if overload	1. Remove some load and re-switch UPS on
* No LEDs display on the front panel		Consult with your sales agent for help

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