



PS1410IP

Uninterruptible Power Supply



The PS1410IP is designed as a smart, networked connected Uninterruptible Power Supply (UPS). Having a built-in Web interface, this product provides for complete configuration, power adjustment, monitoring and status reporting to any browser equipped device (PC's, Laptops, Tablets, etc.). The UPS may be accessed on the LAN or with an internet connection to offer complete remote control and monitoring. In cases whereby a network connection is not possible, a laptop may be temporarily connected for configuration to the product's ethernet port, then removed for standalone operation.

If operated with a Condoplex Server, the UPS will self-register and provide status information and alerts to the guard screen. More detailed information and real-time adjustments may be made from the Server configuration screens.

Construction

- Small Compact Design
- Direct to Wall or Shelf Mount
- Indicator Lights

Connectivity / User Interface

- Ethernet Web based User Interface
- Standalone or Networked Operation
- Auto-Registration to Condoplex Servers
- REMOTE Startup/Shutdown/Voltage Output Setting
- Unique and controllable locator LED and confirmation Switch

Reliability / Servicing Features

- Battery Protection: Fused and Auto-shutoff to prevent over drain
- Scheduled Battery Testing and Remaining life on loss of AC
- Thermal, Short, Reverse Lead, Battery Short Shutdown

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Product Operation and Features:

When connected to a 120 A/C line, the UPS will signal that it is operating from A/C power and charge the external battery pack (not included). The battery pack may be sized according to load and length of time that you wish to maintain backup power to your system. The UPS will monitor the state of your battery pack and indicate when it should be replaced. UPS determines battery charge state and applies a deep (STAGE 1) or trickle charge (STAGE 2) to improve charging capacity and battery longevity. There is also a data field where you may enter the installation date of the battery pack.

Should the A/C power fail, an LED status indicator and the browser software will provide notification and the UPS will now operate from the battery pack. The UPS will maintain the selected voltage, independent of the battery decay curve. This means if you require a 14 Volt setting to account for line resistance, it will be maintained. The PS1410IP will shut the power down, when it determines any further output will cause irreparable damage to the batteries. Under these circumstances, the UPS will go into a standby mode, where it can still be accessed for technicians to collect diagnostic information.

Real Time Information

Inputs: Displays the Input Voltage and Current of the UPS from the main AC/DC converter.

Outputs: Output Voltage and Current of the UPS

Output Alerts: ON Indicates the UPS Output is operating Correctly.

OFF Indicates the UPS Output is Zero. (Automatic Dead Short or Battery Depletion shutdown. TEMPHIBERNATE Indicates a Thermal Shutdown of the UPS.

OVERLOADHIBERNATE Excessive current draw Shutdown

BATHIBERNATE Battery Cutoff Voltage Shutdown

Battery Alerts: Mounted/Unmounted, Testing Battery, Tested

Charging Status: STAGE 1, STAGE 2

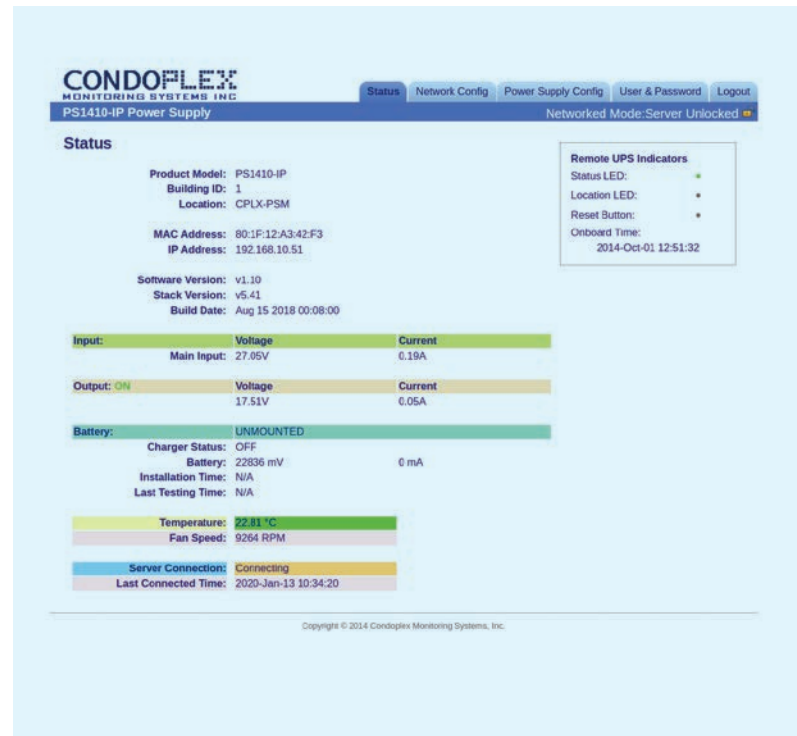
Temperature: Current Internal UPS Temperature

Fan Speed: Readout of the internal UPS Fan Speed

Server Connection: Connected/Disconnected/Connecting/Standalone

Centralized Management: Several power supplies may be monitored on the Condoplex System

Software



PS 1410IP POWER SUPPLY SPECIFICATION (Networked)

Shipping Weight: 4.76kg (10.5 lbs.)

Dimensions: 304.8mm (12in) x 190.5mm (7.5in) x 127mm (5in)

Input Voltage: 120VAC with EMI Filter

Output Voltage: 10-16VDC @ 10A Max

Operating Temperature: 0 C/-32F to 40C/104F

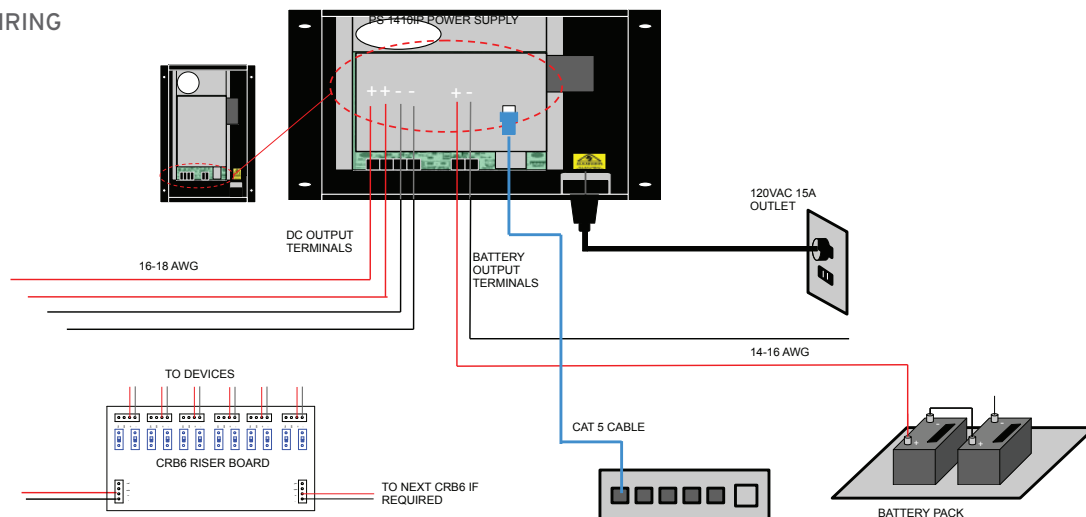
Cooling: Forced Air Cooled Ventilated Enclosure

Battery Configuration: 1x24VDC or 2x12VDC in Series

Network: Ethernet 100 Mbps/s

Interface: Web Page Configuration with Self Registration

PS 1410IP BASIC WIRING



Features and Specifications subject to change without notice • Contact your Condoplex dealer to select features best suited for your facility and budgetary needs.