Eaton Environmental Monitoring Probe

Product Snapshot

Type:	Environmental monitoring device
Package Contents:	Main unit, User's guide, Double-sided Velcro tape
Compatibility:	10/100Mb ConnectUPS-X, ConnectUPS-BD and ConnectUPS-E with FW V3.01 and higher
Dimensions (LxWxH):	2.26 x 1.48 x 1.15 (inches) 57.6 x 37.6 x 29.3 (mm)
Weight:	1.19 oz. (34g)
Part Number:	116750224-001

Features

- Monitors temperature, humidity, and status of two contacts/sensors
- Works with any Eaton UPS with any ConnectUPS Web/SNMP card
- Compatible with PowerVision® Data Acquisition Terminal (DAT)
- Can be located up to 20 meters (65.6 feet) from the UPS
- Measures ambient temperatures between -20°C and 80°C
- Measures relatively humidity between 10 and 90 percent
- Displays status on Web page, IP phone or PDA, or network management system
- Supports user-defined thresholds for temperature, humidity, and contact closure status
- Supports graceful shutdown of affected equipment
- Auto-sends alarms via email, PCS phone, or pager
- Sends SNMP alarms to network management systems
- User Interface support for local languages (English, Chinese, Spanish, French, German, Italian, other)
- Two-year limited warranty, option for enhanced warranty (US and Canada)

The Eaton® Environmental Monitoring Probe (EMP) enables you to remotely monitor environmental conditions as easily as you monitor power conditions. Using a standard Web browser, you can view the ambient temperature and humidity of the remote environment, as well as the status of two additional contact devices, such as a smoke detector or open-door sensor.

Compatible with any Eaton UPS

The EMP can be used with any Eaton uninterruptible power system (UPS) equipped with any Powerware ConnectUPS Web/SNMP card (the device that connects the UPS to an Ethernet network or the Internet).

Simple, in-service installation

The EMP is connected to a communication port on the ConnectUPS card using standard CAT5 cable - and can be located up to 20m (65.6 feet) away.

Broad monitoring range

The EMP can monitor and measure temperatures between -20°C and 80°C, relative humidity between 10 and 90 percent, and contact state for two additional devices or sensors that are plugged into the EMP.

User-configurable alarm thresholds

An easy-to-use screen lets you define acceptable ranges for temperature and humidity, and normal contact closure status—and action to take during alarm conditions.

Real-time display of environmental conditions. Simply point your Web browser to the IP address of the ConnectUPS card for a display of current status. You can access this information from a PC, Internet-ready wireless device, or SNMP management software.

Automated notification of out-of-range conditions. When acceptable temperature or humidity limits are exceeded or contact status changes, the EMP automatically logs the event and notifies key personnel by email, PCS digital phone or pager.
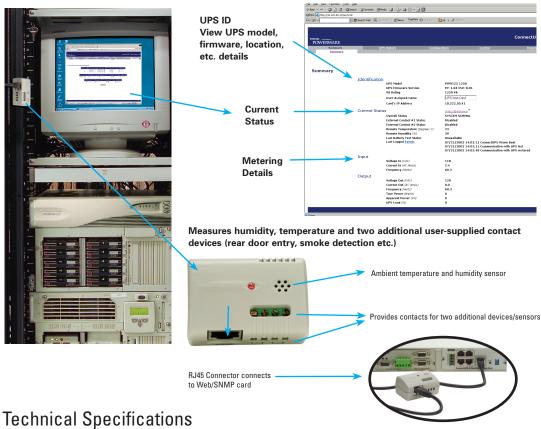
Automated, remote shutdown

Working with NetWatch software, the EMP can direct orderly shutdown of equipment when alarm conditions persist for a specified period, from one to 600 seconds.

The EMP adds an extra layer of protection by monitoring remote environmental conditions, notifying appropriate personnel of problem conditions, and initiating action to shut down systems if necessary to protect them from harm.

Powering Business Worldwide

Hot-pluggable and seamless integration with ConnectUPS Web Cards

UPS ID
View UPS model, firmware, location, etc. details

Current Status

Metering Details

Measures humidity, temperature and two additional user-supplied contact devices (rear door entry, smoke detection etc.)

Ambient temperature and humidity sensor

Provides contacts for two additional devices/sensors

RJ45 Connector connects to Web/SNMP card

Technical Specifications

Model	Environmental Monitoring Probe
Description	UPS accessory providing remote monitoring of temperature, humidity and two contact closure devices in combination with ConnectUPS Web Cards
Part Number	116750224-001
Protocol support	HTTP, SNMP, DHCP, bootp, ARP, RARP, Telnet, SMTP, TFTP, WAP
Compatibility	10/100Mb ConnectUPS-X, ConnectUPS-BD and ConnectUPS-E with FW V3.01 and higher, PowerVision, PowerVision Data Acquisition Terminal (DAT)
Temperature Monitoring	Measures temperatures between -20ºC and 80ºC with an accuracy of ±1ºC
Humidity Monitoring	Measures relative humidity between 10 and 90% RH with an accuracy of ±5%
Power input	Derives 12 Vdc from the Web/SNMP Card
Dimensions (inches) LxWxH (mm)	2.26 x 1.48 x 1.15 57.6 x 37.6 x 29.3
Weight	1.19 oz. (34g)
Regulatory	FCC Class B, UL, cUL, CE

For more information, visit our Web site at www.eaton.com/powerquality, or contact us at 1-800-356-5794.

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