Powerware Environmental Monitoring Probe

Remote monitoring of temperature, humidity and user-supplied contact devices

Snapshot

Type:	Environmental monitoring device
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. (34 g)
Part Number:	103003637-5501

The Powerware 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 Powerware UPS

The EMP can be used with any Powerware uninterruptible power supply (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 0º and 80ºC, relative humidity between 10 and 90 percent, and contact state for two additional devices 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 Powerware NetWatch software, the EMP can direct orderly shutdown of equipment when alarm conditions persist for a specified period, from 1 to 600 seconds.

The Powerware 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.

POWERWARE®

Hot-pluggable and seamless integration with the Powerware 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	103003637-5501
Protocol support	HTTP, SNMP, DHCP, bootp, ARP, RARP, Telnet, SMTP, TFTP, WAP
Web card compatibility	10/100Mb ConnectUPS-X, ConnectUPS-BD and ConnectUPS-E with FW V3.01 and higher
Network support	Ethernet 10/100 BaseT
Supported MIB	Powerware MIB, RFC1628 MIB
Netwatch Client O/S supported for shutdown	Windows 9x, Windows XP, Windows 2000/NT, Novell, NetWare 4.x, 5.x and 6.0, UNIX, Compaq Tru64 4.x, 5.x, HP-UX 10.10, 10.20, 10.30, 11.00, IBM AIX 4.x (PowerPC), Linux with kernel 2.0 and higher (x86) and (AXP), SGI IRIX 6.x w/MIPS, Solaris 2.x, 8 (SPARC), Solaris 2.x, 8 with SunOS 5,6,7,8(x86), UnixWare 7.1 (x86), MacOS X (Darwin). For latest OS compatibility, visit powerware.com
Temperature Monitoring	Measures temperatures between 0 and 80°C with an accuracy of +/-1°C
Humidity Monitoring	Measures relative humidity between 10 and 90% RH with an accuracy of +/-5%
Power input	Derives 12VDC from the Powerware Web/SNMP Card
Dimensions (inches)	2.26 x 1.48 x 1.15
LxWxH (mm)	57.6 x 37.6 x 29.3
Weight	1.19 oz. (34 g)
Regulatory	FCC Class B, UL, CUL, CE

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

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