



## Powerware® ConnectUPS SNMP Adapters



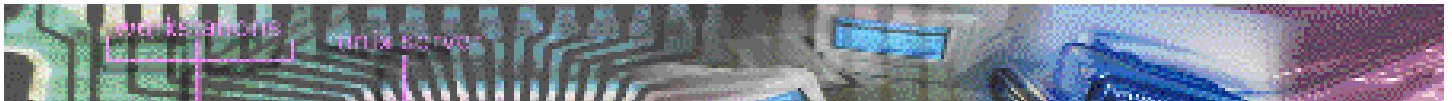
With the growth of client/server computing, more and more computers and network devices – routers, hubs and bridges – are running mission-critical applications. The ConnectUPS SNMP Adapter is ideal for managing UPSs that are providing protection for network devices that do not ordinarily run a commercial operating system or are located in a remote part of the network. The ConnectUPS gives network managers the ability to perform all of the following tasks via a modem (with ConnectUPS-M SNMP Adapters) or with a network connection:

- Understand and diagnose network power problems remotely
- Control a UPS remotely in order to test its battery or reboot a network device
- Receive a warning in the event of a utility failure or some other error condition

Dependable utility power is crucial for network uptime, yet power is often the least reliable part of the network. By using the ConnectUPS to communicate with UPSs on a network running SNMP-compatible network management software or Powerware's OnliNet Vista, you can quickly discover and correct power related problems anywhere on the network. Notification and analysis of power problems can also be accomplished through paging and out-of-band communication with ConnectUPS-M (modem) models. This virtually eliminates costly downtime due to unexpected power outages and surges, while also reducing day-to-day network management annoyances such as spontaneous rebooting, lost files, and corrupt data.

### Features

- ▶ Compatible with leading SNMP network management software packages and Powerware's OnliNet Centro, OnliNet Vista, and PowerVision
- ▶ Automatically records UPS events and alarms in an event/history log
- ▶ Supports Powerware's PowerMIB and UPS Standard MIB (RFC 1628)
- ▶ Supports SNMP v1 protocol
- ▶ Available for Ethernet (10 Mbps) twisted pair, thinwire, and token ring (4 and 16 Mbps) applications
- ▶ Configurable over the network from a remote location via BOOTP
- ▶ Compatible with Powerware 9315, 9305, 9150, 9125, 9110, 9104, 5140, 5119, 5115, 5105, and Powerware 9 Prestige UPSs
- ▶ Ethernet twisted pair and token ring models available in internal slot form factor for selected Powerware UPSs



# ConnectUPS SNMP Adapters

ConnectUPS SNMP Adapters support a variety of network types. Models are available for Ethernet twisted pair and thinwire networks. The twisted pair model is available in both an external version and an internal slot (SL) form factor. Token ring models are also available in both form factors.

By using a direct connection with a terminal or over the network via BOOTP, you can easily configure ConnectUPS SNMP adapters.

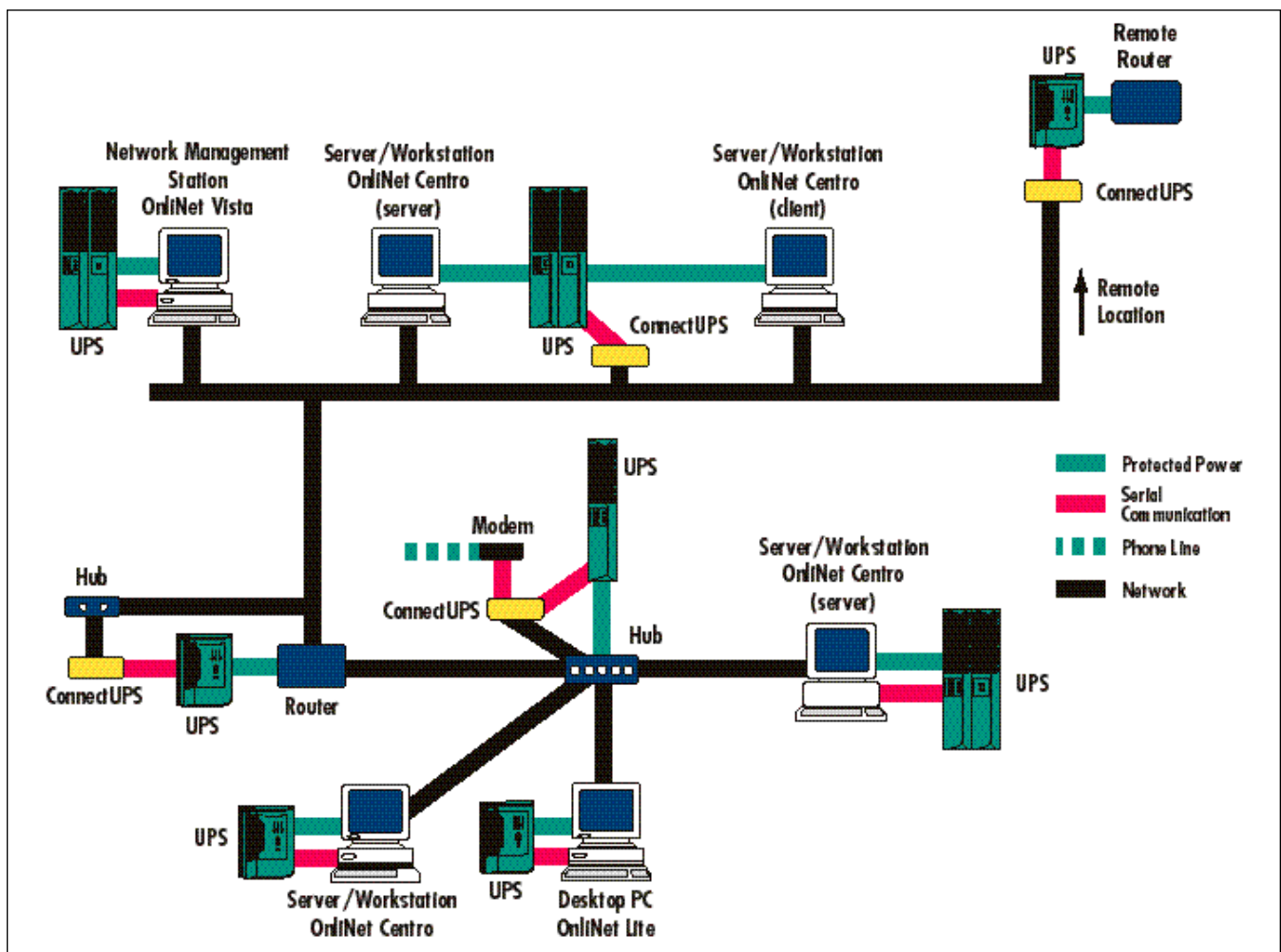


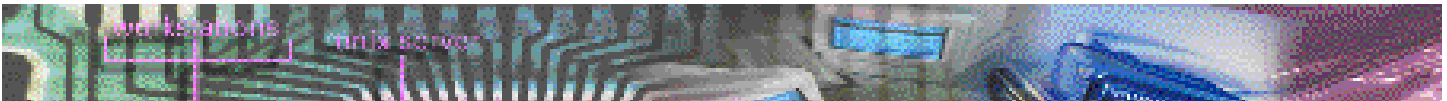
The external versions attach to the communications port of the UPS.



The SL version fits conveniently into a slot on the rear panel of selected UPSs.

## ConnectUPS and OnliNet Network Management





# ConnectUPS-M SNMP Adapters

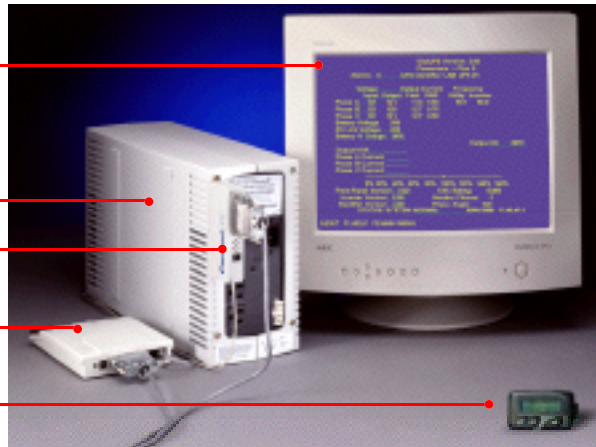
DialUPS software for receiving calls from UPS for alarm routing and management

UPS

ConnectUPS-M

Modem

Receive alarms on power problems wherever you are

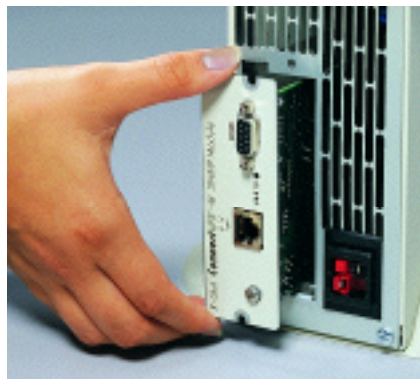


The ConnectUPS-M SNMP Adapter incorporates the same functionality as the ConnectUPS SNMP Adapters while also providing out-of-band (modem) communications. The communication via modem can either be in lieu of or simultaneously with network communications. This means the network manager can receive alerts and monitor a UPS even if the network is down.

## Paging and Monitoring

When an alarm condition occurs, the ConnectUPS-M may call up to six preprogrammed pager numbers. If the pager supports text messages, the ConnectUPS-M provides alarm/event text on the pager's LCD display, which means that a network manager receives critical data rapidly and without initiating communication with the UPS. The ConnectUPS-M may also be configured to call a computer. If this mode is selected by using the included UPSdial software, the computer automatically acquires data from the UPS and stores it in

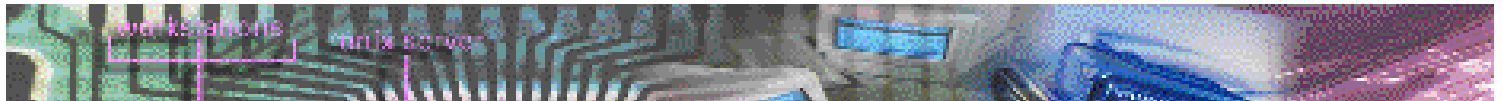
a unique data file while displaying status information. The computer can also be configured to call a pager. Monitoring of remote UPSs is performed with the included DialUPS software. The network manager may call to check critical operating parameters and scrutinize alarm conditions using DialUPS. The ConnectUPS also allows network managers to reset hanged network devices. As a result of remote access, the time needed to check the system is greatly reduced and travel cost is eliminated.



The X-Slot ConnectUPS-M is designed for use with Powerware UPSs equipped with an X-Slot.

## Features

- ▶ Compatible with leading SNMP network management software packages and Powerware's OnliNet Centro, OnliNet Vista, and PowerVision
- ▶ Enables network administrators to reset hanged network devices
- ▶ Automatically records UPS events and alarms in an event/history log
- ▶ Supports Powerware's PowerMIB and UPS Standard MIB (RFC 1628)
- ▶ Supports SNMP v1 protocol
- ▶ Available for Ethernet (10 Mbps) twisted pair applications
- ▶ Configurable over the network from a remote location via BOOTP
- ▶ Automatic dial out to a pager (up to 6) or computer – based on alarm condition (using included UPSdial software)
- ▶ Remote monitoring via modem with included DialUPS software
- ▶ Supports Load Segment control (separate groups of receptacles on a single UPS) in X-Slot models with appropriate UPS



# ConnectUPS Model Selection Guide

ConnectUPS Model	PART NUMBER	Network/MODEM CONNECTION	External Power Supply Used	Internal/External Installment
<b>North American<sup>1</sup></b>				
ConnectUPS Ethernet Twisted Pair	101690002-001	Network	Yes	External
ConnectUPS Ethernet Thinwire	101690004-001	Network	Yes	External
ConnectUPS Token Ring	101690006-001	Network	Yes	External
ConnectUPS-M Twisted Pair	103000202-002	Network/Modem	Yes	External
<b>International<sup>2</sup></b>				
ConnectUPS Ethernet Twisted Pair	101690002-003 (1013764) <sup>3</sup>	Network	Yes	External
ConnectUPS Ethernet Thinwire	101690004-003 (1013765) <sup>3</sup>	Network	Yes	External
ConnectUPS Token Ring	103000900-002	Network	Yes	External
<b>Universal</b>				
X-Slot ConnectUPS-M	05146288-5501	Network/Modem	No	Internal
ConnectUPS Ethernet Twisted Pair (for Powerware 9315 UPS only)	129400000-001	Network	Yes	External
ConnectUPS SLC	05146223-5502	Network/Modem	No	Internal
ConnectUPS SL Ethernet Twisted Pair	103000271-001	Network	No	Internal
ConnectUPS SL Token Ring	103000271-002	Network	No	Internal

1. Power supply is included; Ships with a standard NEMA connector. 2. Power supply is included; Ships with an IEC connector. 3. HPO number. See [www.emea.powerware.com/software](http://www.emea.powerware.com/software) for more details concerning the compatibility of ConnectUPS adapters with EMEA UPSs.

## CONNECTUPS/POWERWARE UPS COMPATIBILITY

UPS <sup>1</sup>	Ethernet Twisted Pair	Ethernet Thinwire	SL Ethernet Twisted Pair <sup>2</sup>	Token Ring	SL Token Ring <sup>2</sup>	ConnectUPS-M (modem)	X-Slot ConnectUPS-M (modem) <sup>2</sup>
Powerware 5105 (450/700 VA)	◆ <sup>3</sup>	◆ <sup>3</sup>		◆ <sup>3</sup>			
Powerware 5105 (1000/1500 VA)	◆ <sup>3</sup>	◆ <sup>3</sup>	◆	◆ <sup>3</sup>	◆		
Powerware 5115	◆ <sup>3</sup>	◆ <sup>3</sup>		◆ <sup>3</sup>			
Powerware 5119	◆ <sup>3</sup>	◆ <sup>3</sup>	◆ <sup>4</sup>	◆ <sup>3</sup>	◆ <sup>4</sup>		
Powerware 5140							◆
Powerware 9110	◆ <sup>3</sup>	◆ <sup>3</sup>					
Powerware 9104	◆ <sup>3</sup>	◆ <sup>3</sup>		◆ <sup>3</sup>			
Powerware 9 Prestige	◆	◆		◆		◆	
Powerware 9125							◆
Powerware 9150 (LV)	◆ <sup>3</sup>	◆ <sup>3</sup>	◆	◆ <sup>3</sup>	◆	◆ <sup>3</sup>	
Powerware 9150 (HV)	◆ <sup>3</sup>	◆ <sup>3</sup>					
Powerware 9305	◆ <sup>3</sup>	◆ <sup>3</sup>					
Powerware 9315	◆						

1. Powerware 3115 is not compatible with the ConnectUPS. 2. Fits into slot on rear panel of UPS. 3. Requires additional cable. 4. Except 2000–3000 VA rack-mount models.

**Powerware Corporation  
Corporate Headquarters**  
8609 Six Forks Road  
Raleigh, NC 27615 U.S.A.  
Toll Free: 1.877.797.9273 (PWRWARE)  
or 919.872.3020  
Fax: 1.800.753.9433  
or 919.870.3411  
E-mail: [info@powerware.com](mailto:info@powerware.com)  
[www.powerware.com](http://www.powerware.com)

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**Latin America/Caribbean**  
Sunrise, FL: 954.835.1180  
  
**Europe/Middle East/Africa**  
Berkshire, England: 44.1753.608700  
  
**Southeast Asia**  
Singapore: 65.861.9877  
  
**China and North Asia**  
Hong Kong: 852.2745.6682

**Japan**  
Shinagawa Tokyo: 813.3447.5251  
  
**Australia and South Pacific**  
Sydney, Australia: 61.2.9878.5000  
  
**Canada**  
Toronto, Ontario: 416.798.0112