POWERVAR
ManageUPS Net Adapter

Management of networked power.

ManageUPS NET Adapter® provides an open approach to management of network power. ManageUPS delivers a complete set of manageability options including SNMP, WEB, Telnet, data logging, event logging and shutdown of multiple servers via TCPIP network connection. Event messages are offered as email as well as SNMP Traps - a truly versatile tool for managing UPS systems in a network environment.

FEATURES

- **E-Mail Event Messaging**
  UPS events can trigger SNMP trap and e-mail event messages. E-mail message options include long, short and short-no-subject format options for easy forwarding via SMS or wireless handheld devices.

- **Multiple Networked Access Methods via SNMP, WEB or Telnet**
  Site power and UPS status information can be accessed securely from any computer on your network.

- **Event and Data Logging**
  On-board "flash drive" holds log files of UPS events, system events, and UPS data. WEB interface allows convenient log viewing utility and quick-link download button. Log files can also be retrieved via FTP.

Part Number Codes	Basic SNMP/WEB	SNMP/WEB with Environment Sensors	SNMP/WEB with MODBUS Services
ONEAC ON Series (White/Tower)	AM-P1-OL	AME-P1-OL	AMB-P1-OL
ONEAC ON Series (Black/Universal Mount)	AM-P1-O	AME-P1-O	AMB-P1-O
ONEAC Sinergy Series	AM-P1-O	AME-P1-O	AMB-P1-O
POWERVAR 3200 Series	AM-P3-R	AME-P3-R	AMB-P3-R
POWERVAR Security Plus	AM-P1-RE	AME-P1-RE	AMB-P1-RE

FEATURES CONTINUED

- **Automatic Network Configuration via DHCP**
  ManageUPS accepts network parameters automatically via DHCP (RFC2131 and RFC2136 for DDNS).

- **SNMP Agents**
  Embedded SNMP Agent conforms to SNMP standards: RFC1213 (MIB II) and RFC1628 (UPS MIB) and ONEAC Environment Sensor MIB.

- **Network Server Shutdown**
  ManageUPS Network Shutdown Controller calls shutdown of computers running MopUPS NSA (Network Shutdown Agent). Multiple schedules allow for graceful load shedding during extended outages.

- **Security**
  Telnet, Web, FTP, and SNMP servers can be individually disabled. SNMP server uses communities to restrict access. Web, Telnet and FTP servers have username and password access control. Web server uses basic HTTP authentication. Passwords used for Network Shutdown authentication are encrypted via MD5.

- **Serviceability**
  Allows firmware or configuration files to be updated over the network for simple maintenance. Use ManageUPS DCU software for simplified configuration, updating and version management.

- **On Board WEB Help**
  Help files for parameter definition and configuration assistance are on board – "?" links are context-sensitive and open html-help files in a separate window.

- **OPTION:** Environment Sensor
  Measures ambient temperature and relative humidity (RH), reads three (3) volt-free relay input contacts and controls one (1) output relay for event response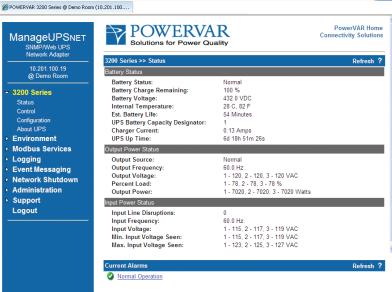. Add additional sensor modules to monitor multiple zones from one UPS network adapter. Flexible "Any or All" logic lets you pick multiple event triggers to drive the output relay control.

- **OPTION:** MODBUS
  – TCP On-Board support for MODBUS/TCP over Ethernet.
  – MODBUS RTU (RS232, RS422, RS485) eliminates expensive RS232 to RS485 media converters.

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Solutions for Power Quality