



AP9635 shown

Manage your remote UPS with Certainty

UPS Network Management Card 2 now supports Modbus

Integrating your UPS into existing management systems is easier now with the addition of Modbus allowing you to remotely manage Single Phase Smart-UPS™ and Symmetra™ LX through your Building Management (BMS) or Industrial Automation systems. Be assured your UPS is ready to maintain access to your BMS (HVAC, lighting and building security) or maintain continuity of process in Industrial Automation.

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by Schneider Electric

UPS Network Management Card 2

Now with Modbus



Connect directly to your network

UPS Network Management Card 2 (NMC2) allows for secure remote monitoring and control of an individual UPS via Web browser, CLI, SNMP (v1/v2c/v3) or Modbus TCP. Modbus RS-485 is available with the AP9635. Embedded technology provides exceptional reliability and enables the UPS to remotely reboot hung equipment. Notification features inform you of problems as they occur. For protected servers, the included PowerChute™ Network Shutdown software provides graceful, unattended shutdown in the event of an extended power outage and is certified VMware Ready.

Manage your remote UPS with certainty

UPS Management

Notification: Be notified of problems ensuring crucial situations are dealt with in a timely manner.

Scheduling: Customize shutdown and reboot of connected equipment and UPS.

Data Logging: Identify problematic trends before they escalate or export logs for analysis.

Event Logging: Pinpoint timing and sequence of events leading up to an incident with event log.

StruxureWare Data Center Expert integration: Collect, organize and distribute critical alerts, and key information providing a unified view of complex physical infrastructure environments from anywhere on the network.

Network Management System (NMS) compatible: Make device information available to your preferred NMS by forwarding SNMP traps (events) or polling across SNMP (v1/v2c/v3) using the PowerNet MIB.

Reboot Equipment Remotely: Quickly reestablish availability over your network and save dispatching technicians to remote locations.

Smart Battery Management: Manage and maintain entire battery system with detailed battery information, even battery cartridge parameters, providing early fault warning. (SRT Smart-UPS only).

Flash Upgradeable Firmware: Convenient remote installation of UPS firmware updates.

PowerChute™ Network Shutdown Software included: Operating system shutdown with advanced integration support for VMware® ESX/ESXi & Microsoft® Hyper-V and SCVMM.

Enhanced Security

- Secure email authentication
- Secure access SSH (v2), HTTPS (TLS 1.2)
- Onboard firewall
- Secure file transfer (SCP)
- 2048 bit encryption key support (SSH/web)

User Management

User Account security: Optional 'strong password' and 'force password policy' configurations.

RADIUS support: Allows for centralized user management for easier user sign on when remotely managing multiple or multi site UPS.

Simultaneous multiple user login: Supports simultaneous NMC2 sessions.

UPS Network Management Cards support

For more information, please visit:

<http://www.apc.com/products/family/index.cfm?id=98>

To download the latest UPS Network Management Card firmware, go to:

<http://www.apc.com/tools/download/index.cfm>



UPS Network Management Card 2

Product Comparison

Connect directly to your network

Remotely manage your UPS on your existing network with Datacenter, Building Management or Industrial Automation Systems using the UPS Network Management Card 2. Remote management can save time and money with the ability to reboot hung devices restoring functionality without deploying personnel.



AP9630

UPS Network Management Card 2



AP9631

UPS Network Management Card 2 with Environmental Monitoring



AP9635

UPS Network Management Card 2 with Environmental Monitoring, Out of Band Management and Modbus

UPS Network Management Card 2 Comparison

Features	Benefit	AP9630	AP9631	AP9635*
SNMP Management (v1/v2/v3)	Readily monitor and manage your UPS as one of your network devices over your preferred Enterprise Network Management System by forwarding SNMP traps (events) across SNMP (v1/v2c/v3) using the PowerNet MIB.	✓	✓	✓
Data Event Logging	Identify problematic trends and take appropriate action before they escalate, or export logs for analysis.	✓	✓	✓
IPv6 Support	Ready to support the next generation of IP networking with the trending Internet of Things (IoT) and Industrial IoT.	✓	✓	✓
Smart Battery Management (SRT Smart-UPS Only)	Manage and maintain entire battery system with detailed battery information, even battery cartridge parameters, providing early fault warning. Helps you plan preventive battery maintenance.	✓	✓	✓
User friendly Firmware Upgrade capability	Install maintenance releases of firmware remotely for your NMC or UPS* ensuring ongoing remote management of your UPS. *Refers to SMT, SMX, SRT models only.	✓	✓	✓
Modbus TCP Support	Integrate your UPS to existing networks with 3rd party Building Management System and Industrial Automation Systems.	✓	✓	✓
Two USB ports	Supports UPS NMC firmware upgrade; ability to upload language packs if supported by the application.		✓	✓
Temperature and (optional) Temperature & Humidity Monitoring AP9335T - included, AP9335TH - optional	Monitor temperature or temperature and humidity and take appropriate action when needed to ensure best possible performance from your UPS.		✓	✓
Optional Dry Contact I/O Accessory (AP9810) support	Monitor external triggers and initiate actions on external devices.		✓	✓
Modbus RS-485 Serial support	Integrate your UPS to existing networks with 3rd party Building Management System and Industrial Automation Systems.			✓
Out of Band Management via modem	Use dial in access via the analog modem to access the NMC2 control console.			✓

* AP9635 is the official replacement for AP9618

Languages (User Interface and documentation) support: Simplified Chinese, English, French, German, Italian, Japanese, Korean, Portuguese, Russian, Spanish (for language support check apc.com)