UPS Network Management Card 3
Monitor and Manage Securely

Direct Connection

APC UPS Network Management Card 3 (NMC3) allows for secure remote monitoring and control of an individual APC UPS via a web browser, command line interface of SNMP. The configurable notification features keep you informed of problems as they occur.

For protected servers, the included Powerchute™ Network Shutdown software provides graceful, unattended shutdown in the event of a power outage (certified Vmware Ready, Nutanix Ready, Nutanix-AHV Ready).

Remote UPS Management

Network Management Card 3 Features

EcoStruxure™ IT Integration: Monitor and manage your equipment more efficiently. The vendor-neutral architecture delivers a new standard for proactive insights on critical assets of an IT environment.

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.

Environmental Monitoring & Modbus support
Enables remote monitoring and interfaces with EcoStruxure IT, building management systems or other third-party systems

Reboot Equipment Remotely: Quickly re-establish 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.

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

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

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

Life Is On

Next Generation
Latest features and enhancements

Security

Advanced security features to keep your sensitive data secure with newest compliance offerings.

- Increased password security with stricter credentials and force password policy configurations
- EAPoL (Extensible Authentication Protocol over LAN) architecture used in IEEE 802.1x port-based network access control
- Secure access SSH, HTTPS (TLS 1.2)
- Secure email authentication
- 3-tier user access (read only, device and administrator)
- Secure file transfer (SCP)
- 2048 bit encryption key support (SSH/web)

Performance

New processor Low Cost Ethernet Solution (LCES) provides a faster, more powerful experience.

- 1Gigabt Ethernet connection (RJ-45 10/100/1000 Base-T)
- 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 multiple NMC 3 sessions

Storage & Ease-of-use

Extended memory space to accommodate increased event and data log storage

- 100x event log and data logs
- Pre-loaded multiple language support
- Micro USB based console

Life Is On

APC™
by Schneider Electric

UPS Network Management Card 3
Product Comparison

Remotely manage your UPS on your existing network with Datacenter, Building Management or Industrial Auotmation Systems using the UPS Network Management Card 3. Remote management can save time and money with the ability to reboot hung devices restoring functionality without deploying personnel.

AP9640
UPS Network Management Card 3

AP9641
UPS Network Management Card 3 with Environmental Monitoring

AP9643
UPS Network Management Card 3 with Environmental Monitoring and Modbus Support

Features	Benefit	AP9640	AP9641	AP9643
SNMP Management (v1/v2/v3)	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/v2/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 and SRTL Smart-UPS Only)	Manage and maintain entire battery system with detailed battery information, even battery cartridge parameters, providing early fault warning. Helps you plan preventative battery maintenance.	√	√	√
User-Friendly Firmware Upgrade Capability	Install maintenance releases off firmware remotely to your NMC or UPS* ensuring ongoing remote management of your UPS. *SMT, SMTL, SMX, SRT, SRTL models*	√	√	√
BACnet/IP and Modbus TCP Support	Integrate your UPS to existing networks with 3rd party Building Management System and Industrial Automation Systems	√	√	√
Two USB Ports	Support UPS NMC firmware upgrade		√	√
USB Wi-Fi Device Compatible	Providing secure wireless internet to your connected devices (UPS and Rack PDUS). Drives operational efficiency, reducing downstream costs and clutter from traditional cabling		√	√
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 IO Accessory (AP9810) Support	Monitor external triggers and initiate actions or external devices		√	√
Additional Protocol Interface (4-wire Modbus RTU)	Supports device communication on a Modbus serial line using the RTU. This mode has greater character density.			√

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

Life Is On | APC™ by Schneider Electric