UPS Network Management Cards

Remote monitoring and control of an individual UPS by connecting it directly to the network

UPS Network Management Card 2

UPS Network Management Card 2 (excluding AP9618) allows for secure monitoring and control of an individual UPS via Web browser, CLI, or SNMP (v1/v2/cv3). 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, keeping business information always safe.

➢ Remote UPS management
➢ Browser accessible
➢ RADIUS support
➢ SMTP authentication - SSL/TLS support
➢ FTP, CLI , Telnet access support
➢ Modbus TCP support (AP9630, AP9631 only)
➢ Secure access – TLS 1.2, SSH, HTTPS, Firewall support
➢ Secure transfer - SCP
➢ Simultaneous, multiple user access
➢ Enterprise Management System compatible via SNMP
➢ Data and Event logging
➢ Device encryption - Up to 2048-bit
➢ User friendly UPS firmware upgrade
➢ Operating system shutdown support
➢ Advanced integration support for major virtualization platforms
➢ ….and much more!!

Schneider Electric — UPS Network Management Card 2 — Smart-UPS/Matrix Application

✔ No Alarms

⊘ apc | English | 🚪 Log Off | Help | 📌

Home   Status ▾   Control ▾   Configuration ▾   Tests ▾   Logs ▾   About ▾

Home

Model	Location
Smart-UPS 1000	Unknown

⊘ No Alarms Present
• UPS is Online in Green Mode.

Environment

⊘ No Alarms Present

Recent Device Events

Date	Time	Event
09/25/2015	16:22:37	UPS: Restored the local network management interface-to-UPS communication.
09/25/2015	16:22:23	Environment: Restored the local network management interface-to-integrated Environmental Monitor (Universal I/O at Port 1) communication.
09/25/2015	15:59:12	UPS: Restored the local network management interface-to-UPS communication.
09/25/2015	15:58:57	Environment: Restored the local network management interface-to-integrated Environmental Monitor (Universal I/O at Port 1) communication.
09/14/2015	16:43:15	UPS: Self-Test passed.

IPv6 READY
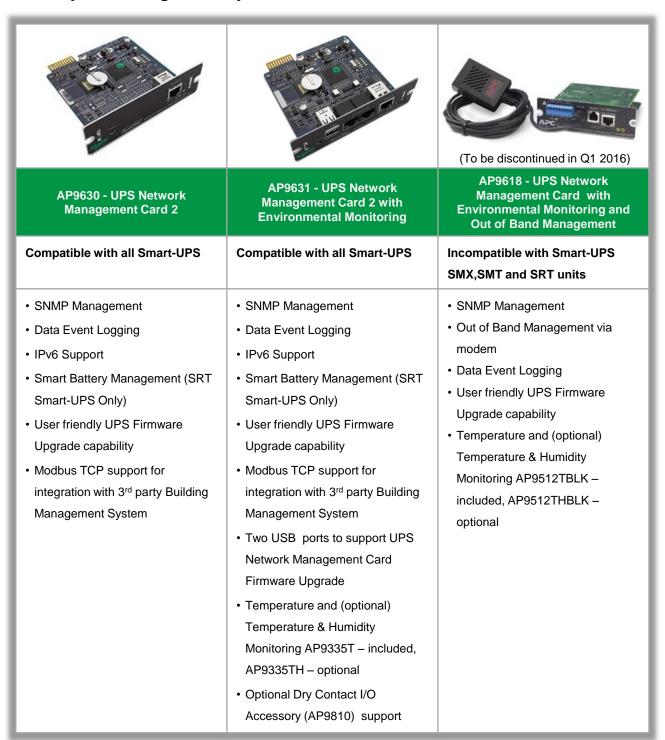
vmware READY

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Network Management Card Options

All options below provide remote monitoring and control of an individual UPS by connecting it directly to the network

AP9630 - UPS Network Management Card 2	AP9631 - UPS Network Management Card 2 with Environmental Monitoring	AP9618 - UPS Network Management Card with Environmental Monitoring and Out of Band Management
		(To be discontinued in Q1 2016)
Compatible with all Smart-UPS	**Compatible with all Smart-UPS**	**Incompatible with Smart-UPS SMX,SMT and SRT units**
• SNMP Management • Data Event Logging • IPv6 Support • Smart Battery Management (SRT Smart-UPS Only) • User friendly UPS Firmware Upgrade capability • Modbus TCP support for integration with 3rd party Building Management System	• SNMP Management • Data Event Logging • IPv6 Support • Smart Battery Management (SRT Smart-UPS Only) • User friendly UPS Firmware Upgrade capability • Modbus TCP support for integration with 3rd party Building Management System • Two USB ports to support UPS Network Management Card Firmware Upgrade • Temperature and (optional) Temperature & Humidity Monitoring AP9335T – included, AP9335TH – optional • Optional Dry Contact I/O Accessory (AP9810) support	• SNMP Management • Out of Band Management via modem • Data Event Logging • User friendly UPS Firmware Upgrade capability • Temperature and (optional) Temperature & Humidity Monitoring AP9512TBLK – included, AP9512THBLK – optional

Languages (User Interface and documentation) support: Chinese (Simplified), English, German, Japanese, Russian

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Features and Benefits

Manageability	
Notification	Be notified of problems to ensure crucial situations are dealt with in a timely manner.
Scheduling	Customize shut down and reboot of connected equipment and UPSs.
Data logging	Identify problematic trends before they escalate or export the data log for analysis.
Event logging	Pinpoint the timing and sequence of events leading up to an incident with the event log.
Integrates with StruxureWare Data Center Expert	An IT-ready, scalable access monitoring system that collects, organizes, and distributes critical alerts, surveillance video and key information, providing a unified view of complex physical infrastructure environments from anywhere on the network
Enterprise management system compatible	Make device information available to your preferred enterprise management system by forwarding SNMP traps (events) across SNMPv1, SNMPv2 and SNMPv3 using the PowerNet MIB
Smart Battery Management	Detailed battery information including battery cartridge parameters provides early-warning fault analysis to simplify management of the entire battery system (SRT Smart-UPS only).
Total Cost of Ownership	
Browser Accessible	View the user interface with a browser. Provides quick access from anywhere on a secure network.
Flash upgradeable firmware	Install maintenance releases of firmware remotely using FTP.
Availability	
Reboot equipment remotely	Saves dispatching technicians to remote locations.
Protection	
Password Security	User-selectable password protection prevents unauthorized access, authorized against LDAP and Active Directory servers.
Multi-tier user access	Supports four levels of access - Administrator, Device User, Read-Only User and Network-only User - with user name and password requirements.
Radius support	Use an existing radius server to securely authenticate, authorize, and account for your APC device.
PowerChute™ Network Shutdown	Operating system shutdown with PowerChute™ Network Shutdown software which includes advanced integration support for VMware® ESX/ESXi & Microsoft® Hyper-V

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

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