

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!!



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 Smart-UPS 1000 | Location 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. |



Network Management Card Options

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

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|  |  |  <p>(To be discontinued in Q1 2016)</p> |
| <p>AP9630 - UPS Network Management Card 2</p> | <p>AP9631 - UPS Network Management Card 2 with Environmental Monitoring</p> | <p>AP9618 - UPS Network Management Card with Environmental Monitoring and Out of Band Management</p> |
| <p>Compatible with all Smart-UPS</p> | <p>Compatible with all Smart-UPS</p> | <p>Incompatible with Smart-UPS SMX,SMT and SRT units</p> |
| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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

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>