Network Management Card (AP9547) for Easy UPS, 3-Phase Firmware v3.4.0.2 Release Notes

Table of Contents

New Features 2
Fixed Issues 2
Known Issues 3
Hash Signatures 5

Affected Revision Levels

Component	File	Details
Easy UPS 3-Phase Application	apc_hw21_eu3p_3-4-0-2.nmc3	UPS application for Easy UPS 3S, 3S Pro, 3M, 3L, Galaxy 3L and Galaxy PW 2nd Gen.

For details on upgrading the UPS Network Management Card (NMC) firmware, see the **User Guide** on the Schneider Electric website.

Schneider Electric Device IP Configuration Wizard

The Device IP Configuration Wizard is a Windows application designed specifically to remotely configure the basic TCP/IP settings of Network Management Cards. The Wizard runs on Windows® Server 2012, Windows Server 2016, Windows Server 2019, Windows 8.1, and Windows 10. This utility is for IPv4 only.

NOTES:

- In firmware version v1.4.x and higher, it is not supported to assign IP addresses to Network Management Cards using the Wizard.
- You cannot search for assigned devices already on the network using an IP range unless you enable SNMPv1 and set the **Community Name** to “public”. For more information on SNMPv1, see the **User Guide**.
- When the NMC IP address settings are configured, to access the NMC Web UI in a browser, you must update the URL from http to http**s**.

The Wizard is available as a free download:

1. Go to the **Software & Firmware** page.
2. In the search bar, type the Network Management Device IP Configuration Wizard.
3. Select your preferred **Device IP Configuration Wizard** version you wish to download.
4. Click **Files to Download** to download your selected **Device IP Configuration Wizard**.

New Features

Top ↑

Support added for viewing the ARP cache in the Command Line Interface (CLI).
Support added for Easy UPS 3S Pro UPS 3:3 and 3:1 systems, including monitoring of Battery Discharge Cycle on Web UI and CLI.
Security Update
Support added for Multi-Factor Authentication (MFA). MFA adds an additional layer of security to user logins by requiring a one-time password (OTP) sent via email after successful username and password authentication. NOTE: Ensure the NMC user credentials used for the SNS Tool, EcoStruxure IT and Data Center Expert communications do not have email addresses configured. For more information, see Knowledge Base article FAQ000276382.

Fixed Issues

Top ↑

“Breaker Q2 UOB Open" alarm severity is now correctly set to Warning.
Output P-P Voltage parameters not supported by UPS devices are now displayed as “-1” in the SNMP MIB Browser.
Static Bypass switch breaker status (open/close) is not supported for E3S Pro.
3:3 phase-to-phase output voltage parameter values are supported on Web, CLI, SNMP, BACNET for E3SPRO.t
Unsuccessful email test result now displays as expected in the Web UI.
Styling for the Password Change Required web page now displays as expected in the latest version of Chrome.
You can now cancel an initiated firewall test as expected in the Web UI.
CIDR (Classless Inter-Domain Routing) notation is now allowed in SNMP NMS fields and firewall fields (when in subnet mode).
The CIDR notation now works in the DNS field, and SNMP access is now allowed or blocked based on the ranges associated with the network.
DNS lookups now prioritize IPv4 when both IPv4 and IPv6 are enabled (the default settings) and the NMC has only a link-local IPv6 address.
A fix in a graphics library function prevents a system reboot on touchscreens.

Security Update
The following security vulnerabilities have been addressed in this release: • A CWE-476: NULL Pointer Dereference vulnerability exists that could cause the device to become temporarily inaccessible when receiving malformed IPv4 packets • A CWE-613: Insufficient Session Expiration vulnerability exists that could cause a user to maintain access to an existing session when their password has been changed. • CWE-1286: Improper Validation of Syntactic Correctness of Input • CWE-787: Out-of-bounds Write • CWE-120: Buffer Copy without Checking Size of Input: Additional hardening to address HTTP Server Fuzzing issues.

Known Issues

Top ↑

In E3S Pro, the “Low battery” alarm is briefly displayed when the battery breaker is toggled, even if the battery is fully charged.
In E3S Pro, the In Bypass: For maintenance alarm displays as "In Bypass" on all interfaces.
In E3S Pro, the values for Battery maintenance cycle, actual running time, DC capacitor running time, AC capacitor running time, Aux Power Supply (APS) running time, and Battery running time are not supported and are displayed as zero across all NMC interfaces.
The NMC information for E3S Pro is not available on the SNMP MIB Browser.
The number of Output Phases parameter is not displayed in the BACnet interface of E3S Pro and GPW2.
For the E3S Pro, NMC reboot events can sometimes be observed in the event log when the IPv4 mode is changed from DHCP to BOOTP via the UPS HMI.
When a misspelled Modbus command is entered in the Web CLI, a 'Parameter error' is not shown, but the functionality remains unaffected.
Alarms strings need to be translated for the following events: Batteries check recommended. Fans check recommended.
On E3S Pro, Battery discharge cycles are not yet supported on SNMP.
Battery discharge cycle parameter description is missing in NMC Web Help Page.
Output Measurements for 'Total active power', 'Total apparent power' and 'Total Percent load' parameters are not supported in SNMP, BACnet, Modbus, DCE and EIT Gateway interfaces.

Miscellaneous

Top ↑

Recovering from a Lost Password

See the User Guide on the Schneider Electric website for instructions on how to recover from a lost password.

Event Support List

To obtain the event names and event codes for all events supported by a currently connected Schneider Electric device, first retrieve the config.ini file from the attached NMC. To use SCP to retrieve config.ini from a configured NMC:

1. Open a connection to the NMC, using its IP Address:
   scp <admin_username>@<ip_address>:config.ini <filename_to_be_stored>
2. Log on using the Administrator user name and password
3. Retrieve the config.ini file containing the settings of the NMC of the UPS:
   ftp > get config.ini

   The file is written to

   the folder from which you launched SCP.

   In the config.ini file, find the section heading [EventActionConfig]. In the list of events under that section heading, substitute 0x for the initial E in the code for any event to obtain the hexadecimal event code shown in the user interface and in the documentation. For example, the hexadecimal code for the code E0033 in the config.ini file (for the event "System: Configuration change") is 0x0033.

PowerNet MIB Reference Guide

NOTE: a) The MIB Reference Guide on the Schneider Electric website explains the structure of the MIB, types of OIDs, and the procedure for defining SNMP trap receivers. For information on specific OIDs, use a MIB browser to view their definitions and available values directly from the MIB itself. You can view the definitions of traps at the end of the MIB itself (the file powernet449.mib on the Schneider Electric website, www.se.com).

Modbus Reference Guide

NOTE:

1. It is necessary to use Slave ID 2 to establish Modbus TCP communication.

Hash Signatures

Signatures	apc_hw21_eu3p_3-4-0-2.exe
CRC32	C3FED513
CRC64	A564F3EF178A94B3
SHA-256	B80D67BB3F750AD978F9DD8805B721E8AE04C6871D158C03C5328841D5B74D76
SHA-1	8E0F2FE038512E96E2C70A7E7F0693444A306CA8
BLAKE2sp	0FAFB8D244EEBA9FFD8E1FFBEDFADCB35FFE460B6D6CA192A4F98822EB699778

Copyright © 2026 Schneider Electric. All rights reserved.

http://www.se.com

TME36878C

08/2026