

Network Management Card (AP9544) for Easy UPS 1-Phase Firmware v2.5.1.7 Release Notes

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Affected Revision Levels

Component	File	Details
Easy UPS 1-Phase Application	apc_hw21_eu1p_2-5-1-7.nmc3	UPS Application for Easy UPS models SRV1KL-IN, SRVPM3KRIL-IN, SRVPM2KRIL-IN, SRV1KUXI-IN, SRV2KUXI-IN, SRV3KUXI-IN, SRV1KI, SRV2KI, SRV3KI, SRVPM1KIL, SRVPM2KIL, SRVPM3KIL, SRV1KRI, SRV2KRI, SRV3KRI, SRV2KL-IN, SRV3KL-IN, SRV3KI-E, SRV1KRI-E, SRVPM1KRIL, SRVPM2KRIL, SRVPM3KRIL, SRV1KA, SRV2KA, SRV3KA, SRV1KRA, SRV2KRA, SRV3KRA, SRVLPM1KRIL, SRVLPM2KRIL, SRVLPM3KRIL, SRVSL1KRARK, SRVSL3KRARK, SRV2KRI-E, SRVPM1KIL-E, SRVPM6KRI, SRVPM10KRI, SRVPM10KIL, SRVSPM5KRI, SRV6KUXI-IN, SRV6KL-IN, SRVSVPM5KRIL, SRVSL3KRIRK, SRVLPM3KRIL-IN, SRVPM6KIL, SRVPM10KRIL-IN, SRV10KUXI-IN, SRVLPM3KRIL-IN, SRVSL1KRIRK, SRVSL2KRIRK, SRVSL3KRIRK, SRVLPM6KRIL, SRV15KUXI-IN, SRV20KUXI-IN.

For details on upgrading the UPS Network Management Card (NMC) firmware, see the [User Guide](#) on the APC 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 https.

The Wizard is available as a free download:

1. Navigate to the [APC website](#).
2. In the search bar, type **Device IP Configuration Wizard**.
3. From the results panel, select **Software**.
4. Click the Download button to download the **Device IP Configuration Wizard**.

New Features

New Features
Support added on Dell VxRail for PowerChute shutdown feature.

Fixed Issues

Fixed Issue
PowerChute clients turn off as expected when Sleep command is issued from the NMC.
The NMC Web UI correctly translates “Green Power Function” into Chinese.
Battery Discharge issues are no longer visible after the assignment of static IP to NMC AP9544. Note: This issue was specific to SRV10,15 and 20 KVA (UXI models).
The NMC now supports runtime calibration. Note: This issue was specific to SRVLPM6KRIL and SRV15KUXI-IN.
The NMC interfaces (Web UI, CLI, SNMP and Modbus) now correctly display a runtime remaining value of 0 for battery disconnection. The LCD also displays the correct value. Note: This issue was specific to SRVLPM6KRIL.
The VAC for Bypass Upper Voltage and Bypass Lower Voltage are now correctly displayed in the config.ini. Note: This issue was specific to 1-3kVA SKUs and SRVLPM6KRIL.

Known Issues

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Known Issue
When configuring a scheduled shutdown, it is not recommended you disable “Signal PowerChute Network Shutdown Clients” or that you set “Turn Back On” to Immediately .
External Battery Pack events are only displayed in English in the Web UI.
“UPS: Deleted a One-Time scheduled shutdown” event is not correctly translated in the Japanese Web UI.
“Name” and “Vx-rail cluster shutdown error” are only displayed in English in the Web UI.
Runtime Calibration does not perform as expected due to discrepancies between the Nominal battery voltage and the Rated battery voltage. Note: This issue is specific to SRVSPM5KRI.

Miscellaneous

Recovering from a Lost Password

See the [User Guide](#) 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 APC 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

The [MIB Reference Guide](#) 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 [APC website](#)).

NOTES:

1. Refer to the UPS User Guide for more information on the External Battery Count Max value.
2. Modbus TCP must use Device ID=2 to communicate with the NMC.

Hash Signatures

Signatures	apc_hw21_eu1p_2-5-1-7.exe
CRC32	C0a053f9
CRC64	B00e640de3ed2687
SHA-256	263d78c9848ae94100420871eb88d7057b4899badf6cb7763d5e985d336e31aa
SHA-1	66dbb9145d194aff99636af5b7d7741d4703c6f6
BLAKE2sp	085f06d01f57daa50cdef1fd22670ad7587facfa162cf97b922c790e54e6d211

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