Network Management Card (AP9643) for Gutor Modular DC UPS
Firmware v2.1.0.3 Release Notes

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Affected Revision Levels

Component	File	Details
Gutor Modular UPS DC & AC Application	apc_hw21_gmod_2-1-0-3.nmc3	UPS Application for Gutor Modular DC UPS.

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 http**s**.

The Wizard is available as a free download from the APC website at www.apc.com:

1. Go to https://www.apc.com/shop/us/en/tools/software-firmware and click **Show More** from the list of checkboxes in **Filter by > Software / Firmware**.
2. Select **Wizards and Configurators** to view the list of utilities available for download.
3. Click the Download button to download the **Device IP Configuration Wizard**.

Known Issues

Known Issue
The Web UI is not translated.
Modbus register 1001 bit 8 (Lost communication to-NMC integrated Environmental Sensor) is not detected or cleared as expected. For more information, consult the Modbus Register Map available on the APC website.
The value for Battery Temperature is incorrectly reported in user interfaces when the temperature is negative.
The help pages embedded in the Web UI are not updated to reflect the NMC's menu options.
False alarms are intermittently triggered when the NMC reboots. This issue is specific to the Modbus interface and SNMP OID `upsAdvStateGutorModularSpecificFaults`.

Miscellaneous

Recovering from a Lost Password

See the User Guide on the APC 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 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

NOTE: The MIB Reference Guide on the APC 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 powernet441.mib on the APC website, www.apc.com).

Hash Signatures

Signatures	apc_hw21_gmod_2-1-0-3.exe
MD5	2f8261bc384a31041f27dbe158cc1d9c
SHA-1	d2cb1beadd2b29d4851f8e8b927048f4361088f7
SHA-256	2d650e7408a3d3cc588cb2993f521ff91f42c9f44239654c025d3d2f29810f7e

http://www.apc.com

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