

# Network Management Card 3 (NMC 3) for Easy UPS 3-Phase Modular UPS, Galaxy PX UPS, Easy UPS 3M Advanced UPS, and Galaxy 3L Pro 400V 3:3 UPS Firmware 3.3.0.2 Release Notes

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**Supported products:** EMUPS50K250PBHS, EMUPS50K250QBHS, GPXUPS100K250PBHS, GPXUPS100K250QBHS, E3MUPS100K150HINS, E3MUPS100K250HINS, G3LP400KPH, G3LP500KPH, G3LP600KPH, G3LP500KQH, G3LP600KQH, G3LP400KPHP, G3LP400KPHU, G3LP500KPHP, G3LP500KPHU, G3LP600KPHP, G3LP600KPHU

The Easy UPS 3-Phase Modular UPS, Galaxy PX UPS, Easy UPS 3M Advanced UPS and Galaxy 3L Pro 400V 3:3 UPS application firmware v3.3.0.2 release notes apply to the following NMC cards:

- AP9640 UPS Network Management Card 3
- AP9641 UPS Network Management Card 3

## Affected Revision Levels

Component	File	Details	Supported Products
Easy UPS 3-Phase Modular application	apc_hw21_emgp_x_3-3-0-2.exe	Application for Easy UPS 3-Phase Modular UPS 50kW Scalable to 250kW (400V)	EMUPS50K250PBHS and EMUPS50K250QBHS
Galaxy PX application	apc_hw21_emgp_x_3-3-0-2.exe	Application for Galaxy PX UPS 100kW Scalable to 250kW	GPXUPS100K250PBHS and GPXUPS100K250QBHS
Easy UPS 3M Advanced application	apc_hw21_emgp_x_3-3-0-2.exe	Application for Easy UPS 3M Advanced UPS	E3MUPS100K150HINS and E3MUPS100K250HINS

Component	File	Details	Supported Products
Galaxy 3L Pro 400V 3:3 application	apc_hw21_emgpx-3.3.0.2.exe	Application for Galaxy 3L Pro 400V 3:3 UPS	G3LP400KPH, G3LP500KPH, G3LP600KPH, G3LP500KQH, G3LP600KQH, G3LP400KPHP, G3LP400KPHU, G3LP500KPHP, G3LP500KPHU, G3LP600KPHP and G3LP600KPHU
For details on upgrading the UPS Network Management Card 3 (NMC 3) firmware, please contact your local Schneider Electric Service Representative or Schneider Electric Certified Service Partner.			

#### Notes:

- The apc\_hw21\_emgpx- 3.3.0.2.exe application is compatible with Easy UPS 3-Phase Modular UPS and Galaxy UPS version 6.5.x or higher
- The apc\_hw21\_emgpx-3.3.0.2.exe application is compatible with Easy UPS 3M Advanced UPS firmware version 6.30.x
- The apc\_hw21\_emgpx-3.3.0.2.exe application is compatible with Galaxy 3L Pro 400V 3:3 UPS firmware version 2.1.x or higher.

## New Features

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New Feature
Battery related parameters added to the UPS Data Log.
Product Information links updated for the Galaxy 3L Pro 400V 3:3 UPS.

## Fixed Issues

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Fixed Issue
All the alarms and logs added in the previous release are now translated.

Fixed Issue
Security Update
<p>The following third-party components (open source or proprietary) have been updated to address cybersecurity vulnerabilities:</p> <ul style="list-style-type: none"> <li>RADIUS Protocol under RFC 2865 - CVE-2024-3596</li> </ul> <p>Implemented support for the Message-Authenticator attribute.</p>
<p>The following security vulnerability has been addressed in this release:</p> <ul style="list-style-type: none"> <li>CWE-1285: Improper Validation of Specified Index, Position, or Offset in Input</li> </ul> <p>Fixed an improper user input validation.</p>

## Known Issues

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Known Issue
<p>Some users may encounter issues while attempting to open or download the event log in a new window.</p> <p><b>Workaround:</b> If you experience an error during these actions, we recommend continuing to access the event log directly within the Web UI temporarily.</p>
<p>Users may occasionally see duplicate clearing events listed on the <b>Event Details</b> page.</p> <p><b>Note:</b> This is only a display issue and does not impact how events are processed or handled by the system. The duplicate entries can be safely ignored.</p>
<p>The Web UI may not display the correct UPS numbers for the 3rd and 4th UPS units in a parallel system.</p>
<p>To navigate away from the Universal I/O page, you first need to go to the Home page.</p>
<p>Only one user can browse through the <b>Event Log</b> at a time.</p>
<p>The frequency tolerances displayed on the <b>UPS Output Measurements</b> are incorrect.</p> <p>The supported output frequencies/output frequency tolerances are: 50Hz/60Hz +/- 1/3/10 Hz</p> <p>The values for the <b>Frequency Tolerances</b> field displayed on the Web UI should be ignored.</p>

## Miscellaneous

### 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 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

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 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 **powernet455.mib** or later on the [Schneider Electric](#) website.

### Hash Signatures

Signatures	apc_hw21_emgpx_3-3-0-2.exe
MD5	e2369ab19377df618aac90ebd12b676b
SHA-1	8262ff23dbc52e34aa38ac0485ec1d0521a755a6
SHA-256	08e81ac1b67b4a8aa08c1c7ad340795354a12d6eb8d1d26f366b493ac23dc070

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