

Smart-UPS SCL, SMC, SMT, SMTL, and SMX UPS Firmware Upgrade Using the NMC Web Interface



User Guide
September 2026

System Requirements

Supported web browsers:

- Microsoft® Edge® (latest version)
- Mozilla® Firefox® or Google® Chrome® (latest version)

UPS Network Management Card 2 (NMC2) with SUMX application firmware v6.4.0 or later

UPS Network Management Card 3 (NMC3) with SU application firmware v1.0 or later

Before You Begin

Verify that the UPS is operating normally and reporting no alarms.

Ensure that utility AC power is available.

Confirm that you can access the NMC web interface.

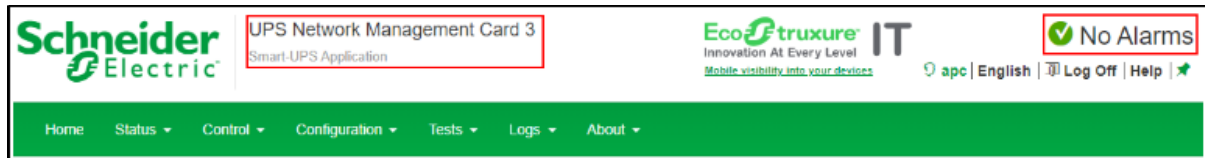
Identify the UPS ID and download the matching firmware file before starting.

Plan the upgrade for a suitable maintenance period.

Firmware Upgrade Process: Step-by-Step Walkthrough

Step 1

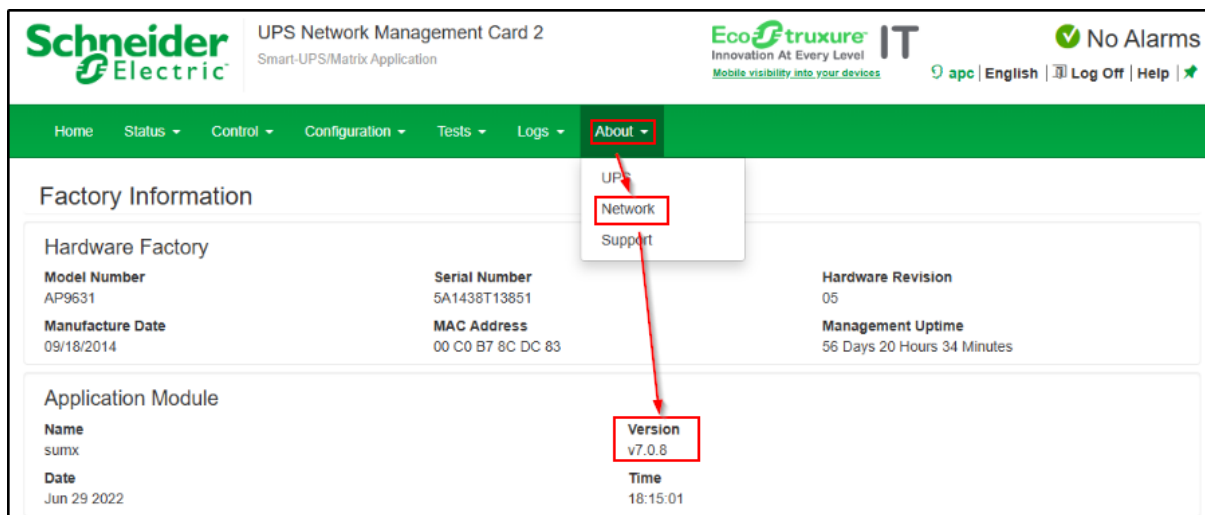
Log in to the Network Management Card (NMC) web interface and ensure there are no alarms.



Step 2

If using NMC3, go to the next step.

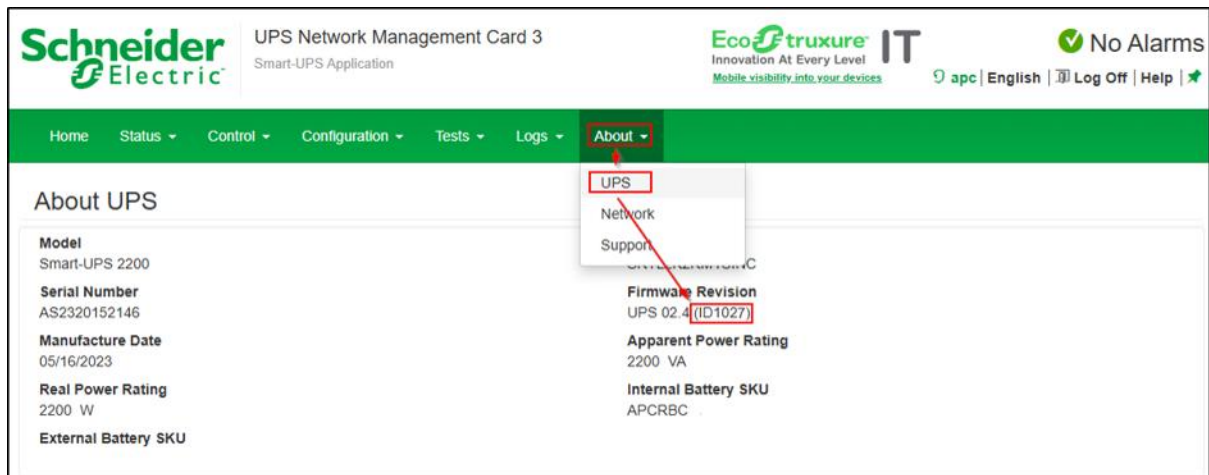
If using NMC2, verify the NMC firmware version. From the NMC web interface, select **About > Network**. The firmware must be v6.4.0 or later. Schneider Electric recommends using the latest available NMC firmware. Refer to [FA156047](#) for instructions on updating the NMC firmware.



Step 3

Identify the correct UPS firmware file:

- From the NMC web interface, select **About > UPS**.
- Identify the UPS ID.
- The UPS ID determines which firmware file must be used for the upgrade.
- For example:
 - For a UPS with ID **1027**, use SMT**1027**UPS_xx-x.enc.



Step 4

Select and download the firmware file for your UPS from the options below:

UPS Series	UPS ID	Firmware File	Release Notes	Firmware Upgrade with Output On Available	Signed	Firmware Upgrade via NMC
SCL	1029	SCL1029UPS_15-6.enc	View	Yes	Yes	Enabled
SCL	1048	SCL1048UPS_16-6.enc	View	Yes	Yes	Enabled
SMC	1005	SMC1005UPS_15-1.enc	View	No	No	Configurable*
SMT	1015	SMT1015UPS_18-0.enc	View	Yes	Yes	Configurable*
SMT	1027	SMT1027UPS_18-0.enc	View	Yes	Yes	Configurable*
SMT	1031	SMT1031UPS_15-6.enc	View	Yes	Yes	Configurable*
SMT	1039	SMT1039UPS_15-5.enc	View	No	Yes	Configurable*
SMT	1040	SMT1040UPS_15-0.enc	View	No	No	Configurable*
SMT	1041	SMT1041UPS_15-0.enc	View	No	No	Disabled
SMT	1050	SMT1050UPS_16-6.enc	View	Yes	Yes	Configurable*
SMT	1059	SMT1059UPS_16-5.enc	View	Yes	Yes	Configurable*
SMT	1060	SMT1060UPS_02-0.enc	View	Yes	Yes	Configurable*
SMT	17	SMT17UPS_07-1.enc	View	No	No	Enabled
SMT	18	SMT18UPS_15-1.enc	View	No	No	Configurable*
SMT	20	SMT20UPS_15-0.enc	View	No	No	Configurable*
SMTL	1026	SMTL1026UPS_15-5.enc	View	Yes	Yes	Configurable*
SMTL	1047	SMTL1047UPS_16-5.enc	View	Yes	Yes	Configurable*
SMTL	1064	SMTL1064UPS_01-8.enc	View	Yes	Yes	Configurable*
SMX	1003	SMX1003UPS_15-0.enc	View	No	No	Configurable*
SMX	1031	SMX1031UPS_15-6.enc	View	No	Yes	Configurable*
SMX	1050	SMX1050UPS_16-6.enc	View	No	Yes	Configurable*
SMX	20	SMX20UPS_15-0.enc	View	No	No	Configurable*
SMX	23	SMX23UPS_15-0.enc	View	No	No	Configurable*

Note: Ensure the UPS ID matches your UPS before downloading. If an incorrect firmware file is selected, the UPS will reject the upgrade. No changes will be made to the UPS firmware.

*For more information about enabling or disabling firmware upgrade via the NMC for the UPS models that support this feature, refer to [FAQ000244385](#).

Step 5

Most UPS models listed in the table support firmware upgrade while the UPS output is on. If your UPS supports firmware upgrade while the output is on, proceed to the next step.

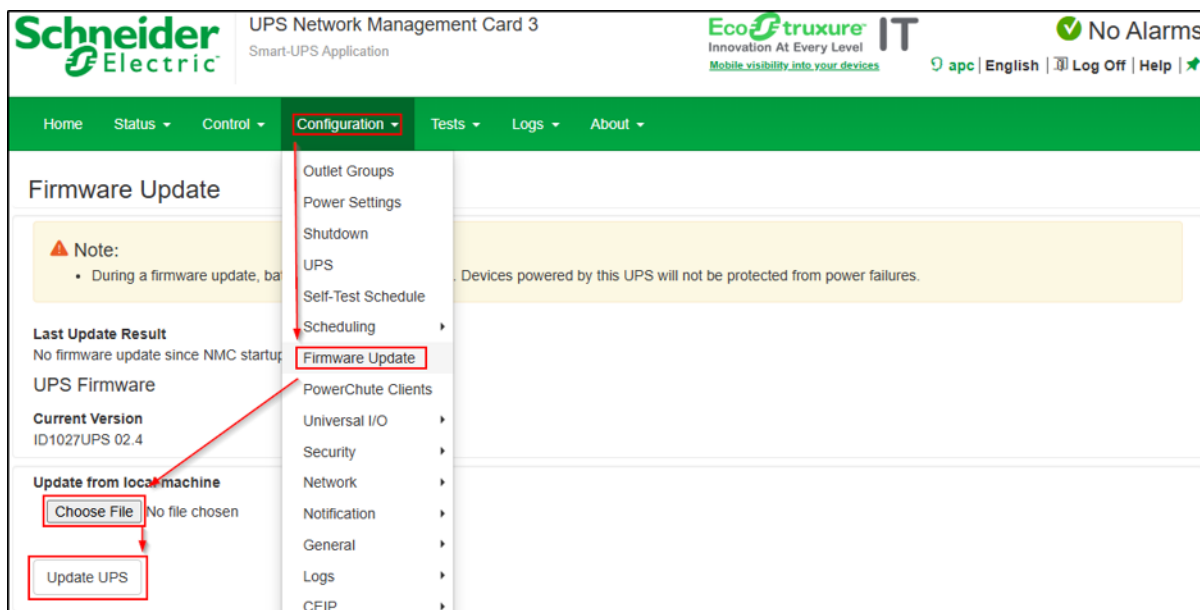
Important: For UPS devices that require the UPS output to be off before initiating the upgrade, ensure that network access is not dependent on the UPS for power when updating via the NMC.

- If network access is dependent on the UPS for power, refer to the instructions for updating the UPS firmware using the Firmware Upgrade Wizard.
- If network access is not dependent on the UPS for power, ensure the attached load is correctly shut down before turning off the UPS output.

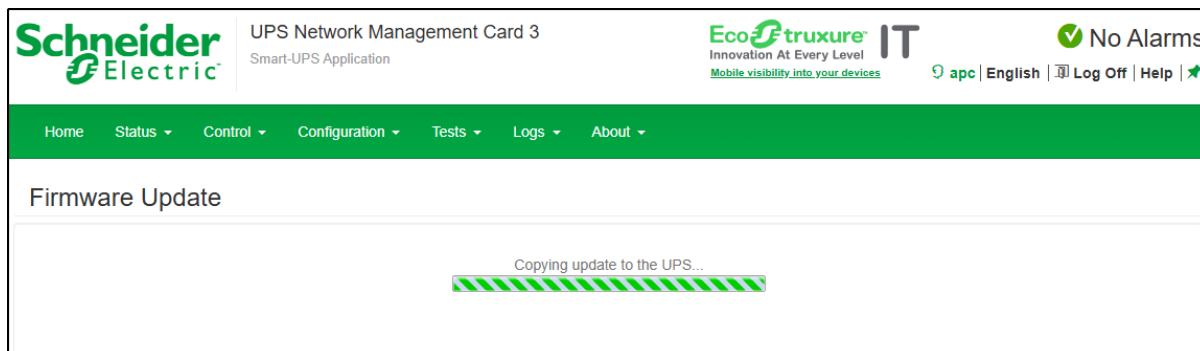
Step 6

Important: During a firmware upgrade, battery backup is unavailable. Equipment powered by this UPS will not be protected from power failures. The UPS must remain connected to utility AC power throughout the firmware upgrade process.

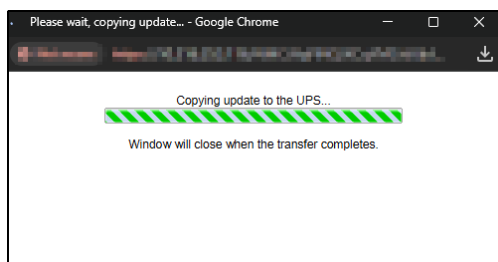
Navigate to **Configuration > Firmware Update**, then select **Choose File** to browse for the correct **.enc** firmware file downloaded in Step 4. After the correct firmware file has been selected, select the **Update UPS** button to begin the upgrade process.



The NMC web interface will automatically refresh to indicate that the upgrade is in progress.

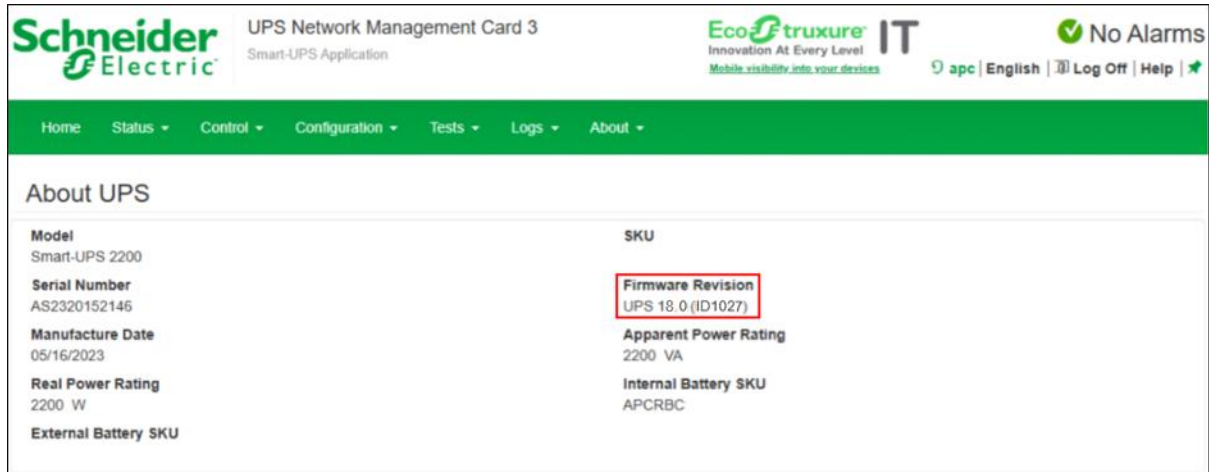


A new window will open to indicate that the upgrade is in progress. Do not close this window manually; it will close automatically when the file transfer is complete.



Step 7

After the upgrade is complete, verify the installed firmware revision on the UPS display or by selecting **About > UPS** in the NMC web interface. Confirm that the displayed firmware revision matches the version of the firmware file installed.



The screenshot shows the 'About UPS' page of the Schneider Electric UPS Network Management Card 3 web interface. The page has a green header with the Schneider Electric logo, 'UPS Network Management Card 3', 'Smart-UPS Application', 'EcoStruxure IT' logo, 'Innovation At Every Level', 'Mobile visibility into your devices', 'apc | English | Log Off | Help', and a 'No Alarms' status. Below the header is a green navigation bar with links: Home, Status, Control, Configuration, Tests, Logs, and About. The main content area is titled 'About UPS' and contains two columns of information. The left column lists: Model (Smart-UPS 2200), Serial Number (AS2320152146), Manufacture Date (05/16/2023), Real Power Rating (2200 W), and External Battery SKU. The right column lists: SKU, Firmware Revision (UPS 18.0 (ID1027)), Apparent Power Rating (2200 VA), and Internal Battery SKU (APCRBC). The 'Firmware Revision' entry is highlighted with a red rectangular box.

	SKU
Model Smart-UPS 2200	Firmware Revision UPS 18.0 (ID1027)
Serial Number AS2320152146	Apparent Power Rating 2200 VA
Manufacture Date 05/16/2023	Internal Battery SKU APCRBC
Real Power Rating 2200 W	
External Battery SKU	

If the firmware upgrade does not complete, contact Schneider Electric Technical Support. Provide the UPS model, serial number, UPS ID, and current firmware revision.