

Release Note



EVlink Pro AC firmware version 1.6.1

Date: 17 July 2025

Document scope

This release note presents the new features and modifications added to EVlink Pro AC charging station. Download the update file from the [Schneider website](#)



Contents

Fixed bugs in version 1.6.0.:

- In Preparing mode, the charger restarts if it accepts the restart request by the CPO,
- TX type charging profile are accepted even if they don't have a ID transaction,
- For Eichrecht charger, or charger with an embedded MID meter, MeterType and MeterSerialNumber have been added in the boot notification message,
- A charging session is not possible if the boot notification has not been accepted by the supervision,
- It is now possible to configure the « Current.import » and « Voltage » measurand, without specifying the electrical phase, in a 3PH network.

Enhancements in version 1.6.0.:

- RFID badge detection is more responsive,
- Improved modem detection at startup to overcome the problem of modem not being detected,
- Updated the light strip colors (the installation guide will be updated accordingly):
 - Cable connected but station waiting for a badge to be swiped => Solid purple (New color),
 - Badge presented but station waiting for a vehicle => Solid purple (New color),
 - Charging in progress => Solid blue,
 - Charging suspended by the vehicle or station => Solid cyan (New color).

Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
F - 92506 Reuil Malmaison Cedex

www.se.com

Electrical equipment and systems must be installed, connected and used in compliance with prevailing standards and/or installation regulations.

As standards, specifications and designs change from time to time, always ask for confirmation of the information given in this publication.
© Schneider Electric - All rights reserved.

Enhancements in version 1.6.1.:

Version 1.6.0 introduced some improvements to the RFID functionality and the light strip colors, as mentioned above.

Following customer feedback, we decided to revert to the behavior of version 1.5.0 regarding both the RFID operation and the LED behavior.

Here are the two functions that were removed:

- RFID badge detection is more responsive,
- Updated the light strip colors (the installation guide will be updated accordingly):
 - Cable connected but station waiting for a badge to be swiped => Solid purple (New color),
 - Badge presented but station waiting for a vehicle => Solid purple (New color),
 - Charging in progress => Solid blue,
 - Charging suspended by the vehicle or station => Solid cyan (New color).

Firmware upgrade

There are 3 possibilities to upgrade the firmware of EVlink Pro AC:

- A. With eSetup
- B. Through OCPP
- C. With EV Charging Expert

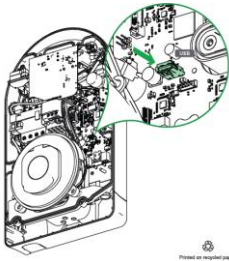
Note: Starting with firmware version 1.1.6, it is now possible to update the Pro AC without USB key, via eSetup, via Schneider cloud connectivity (needing Internet connection) following these recommendations:

Pro AC FW version	eSetup version	Pre-requisite / Limitation
<1.1.6	whatever	Not possible to update without USB key via eSetup, via Schneider cloud connectivity
1.1.6 1.2.x 1.3.0 1.3.2 1.3.4	11.4.0 or above	<ul style="list-style-type: none"> We do not support https / ftp / ftps servers for downloading the firmware (we only support http) You should not send a message/request to the charging station during the update In the event of a power outage, start again from the beginning In case of failure, you must reboot the charging station and start again
>=1.3.6 and <1.5.0	11.4.0 or above	Not supported with internal 4G modem, in case of using Schneider cloud

Here under the description for each possibilities:

A. Firmware upgrade procedure with eSetup

The procedure described here allows the firmware to be updated when the charging station is installed:



- Ensure that you updated your eSetup app on your Smartphone
- Proceed to the firmware update according to the [Installation Guide NNZ19403 chapter 23](#)

Update with USB KEY

Download and unzip on the root of your USB key the folder named: "firmware update from eSetup (USB)"

Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
F - 92506 Reuil Malmaison Cedex

www.se.com

Electrical equipment and systems must be installed, connected and used in compliance with prevailing standards and/or installation regulations.

As standards, specifications and designs change from time to time, always ask for confirmation of the information given in this publication.
© Schneider Electric - All rights reserved.

In case of update from version 1.0.3 and above:

On eSetup you can install file named “update since FW 1.1.X (1.3.8 official)”

In case of update from version 1.0.2 and under:

On eSetup you can install file named “update from FW 1.0.X (minibundle)”

NOTE:

1. For more details for the upgrade process with eSetup, please refer to document “How to update EVlink Pro AC to FW 1-3-8 through eSetup”
2. When updating your charging station with an USB key, we advise you to select a well-known brand as for example: Sandisk, Kingston, Philips and not use giveaways keys. Also, the key must:
 - Be slow formatted in FAT 32 or exFAT only (no NTFS)
 - Have a minimum required capacity of 100 MB
 - Be USB 2.0 or 3.0

When updating charging stations, we recommend bringing 2 USB keys on site for added security and testing them before traveling.

Update – in case the Charging station is connected to internet on Schneider Electric web Site

Select the Pro AC FW version recommended on Schneider Electric web site.

Update – in case the Charging station is not connected to internet but is connected to a local network on which there is a http et ftp server

It is possible to update the charger with http.
Do not use https, ftp(s).

Update without USB KEY

Refer to “How to update EVlink Pro AC through eSetup (Cloud).pdf”.

Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
F - 92506 Rueil Malmaison Cedex

www.se.com

Electrical equipment and systems must be installed, connected and used in compliance with prevailing standards and/or installation regulations.

As standards, specifications and designs change from time to time, always ask for confirmation of the information given in this publication.
© Schneider Electric - All rights reserved.

B. Firmware upgrade procedure through OCPP

If the charging station is already in service and connected to a supervision system, the update is then possible remotely from the supervision, which avoids a physical intervention on the charger.
The firmware update can be done from an OCPP supervision and requires a charging station reboot, led by OCPP.

NOTE: to connect to a supervision in **wss and** download the firmware via **https or ftps**, the charging station must be at the current date and time.
If firmware update failed, then please retry.

C. Firmware upgrade procedure with EV Charging Expert

Please ensure you updated your EVCE to the latest version. If the charging station is already in service and connected to EV Charging Expert, the update is then possible remotely from EV Charging Expert, which avoids a physical intervention on the charger.

Charging station updates can be done through EV Charging Expert user interface: see EcoStruxure EV Charging Expert user guide: [DOCA0163](#)

NOTE: please don't forget to unzip the raucb file. For more details, please see document "How to install pro AC firmware thru EVCE"

Known limitations and issues

- **Firmware Update:**
 - The first FW update of a version higher than 1.3.8 will require approximately 10 minutes. During this time, the charger's LED will be white. It's important not to power off the charger during the update process.
 - In case the initial FW is below version 1.3.6, we highly recommend to reboot the charging station before the firmware update, (not necessary if it's the first commissioning of the product).
 - Charging station may have occasional update failures; please reboot the product if it failed
 - For firmware update from version below 1.1.6, if the charging station is unavailable but you upgrade the firmware, after the update the state is available. It will not happen for the next update.
 - When state of the charging station is unavailable, the charger pass to Available after the Firmware update
 - In case of update from version 1.0.1 or 1.0.2, the charger may untimely switch to status unavailable. Please use OCPP command changeAvailability to fix this if it occurs.
- **Embedded 4G modem only:**
 - Risk of download failure if downloads of several charging station are set at the same time => don't update all the charging station at the same time for the moment.
- **Power Meter**
 - EVlink Pro AC can manage only 1 power meter, either internal or external.
- **Network communication**
 - Network communication is turned off during 50s, while rebooting the station, with FW 1.3.6 and above.

Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
F - 92506 Reuil Malmaison Cedex

www.se.com

Electrical equipment and systems must be installed, connected and used in compliance with prevailing standards and/or installation regulations.

As standards, specifications and designs change from time to time, always ask for confirmation of the information given in this publication.
© Schneider Electric - All rights reserved.

Other resources

- Availability of EVlink Pro AC firmware packages on se.com with [following link](https://www.se.com/ww/en/product-range/23107242-evlink-pro-ac/?parent-subcategory-id=80408).
<https://www.se.com/ww/en/product-range/23107242-evlink-pro-ac/?parent-subcategory-id=80408>
- FAQ Pro AC on [se.com](https://www.se.com)
- EVlink Pro AC installation guide [NNZ1940301](#)
- [EcoStruxure EV Charging Expert release note](#) for latest firmware version >= 5.3.0
- EcoStruxure EV Charging Expert User Guide [DOCA0163](#)
- OCPP connectivity guide is reference [GEX1969200](#)
- Modbus connectivity guide is reference [GEX1969300](#)
- EVlink Pro AC Cybersecurity Guide [GEX5261101](#)

Schneider Electric Industries SAS

35, rue Joseph Monier
CS 30323
F - 92506 Rueil Malmaison Cedex

www.se.com

Electrical equipment and systems must be installed, connected and used in compliance with prevailing standards and/or installation regulations.

As standards, specifications and designs change from time to time, always ask for confirmation of the information given in this publication.
© Schneider Electric - All rights reserved.