EVlink Charging Stations
Commissioning Guide

04/2017

DOCA0060EN-06

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All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components.

When devices are used for applications with technical safety requirements, the relevant instructions must be followed.

Failure to use Schneider Electric software or approved software with our hardware products may result in injury, harm, or improper operating results.

Failure to observe this information can result in injury or equipment damage.

Table of Contents

Safety Information

Important Information

NOTICE

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

The addition of this symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

⚠ CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result** in minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

PLEASE NOTE

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.

About the Book

At a Glance

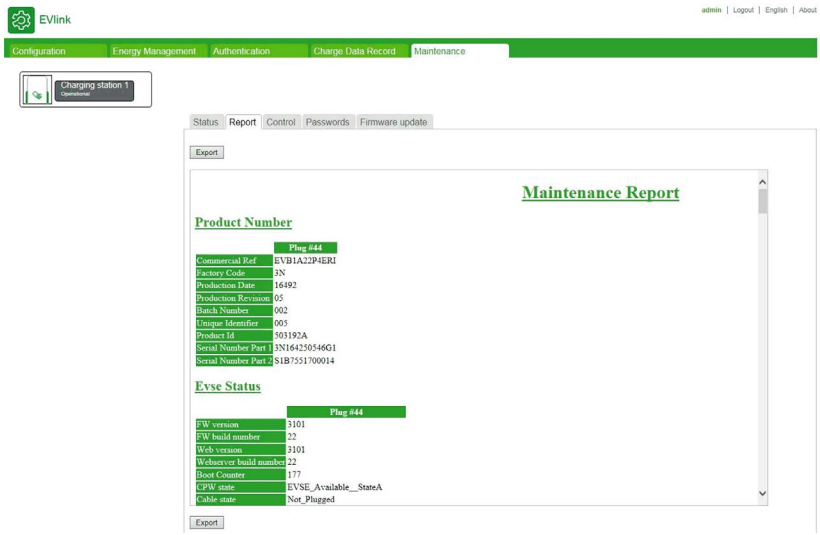
Document Scope

This document will guide you through the commissioning of the EVlink City, EVlink Parking and EVlink Smart Wallbox charging stations.

This document concerns only stand-alone charging stations.

Caution: Only the following charging stations are compatible with software release 3101:

- EVlink Parking (EVF... and EVW...) with datecode greater than 15271.
- EVlink City (EVC...) with datecode greater than 15401.



For commissioning of clustered charging stations, download the document referenced DOCA0059FR (EVlink Solutions - Cluster Cabinet Design Guidelines).

This document is intended for:

- staff in charge of commissioning,
- Facility Managers.

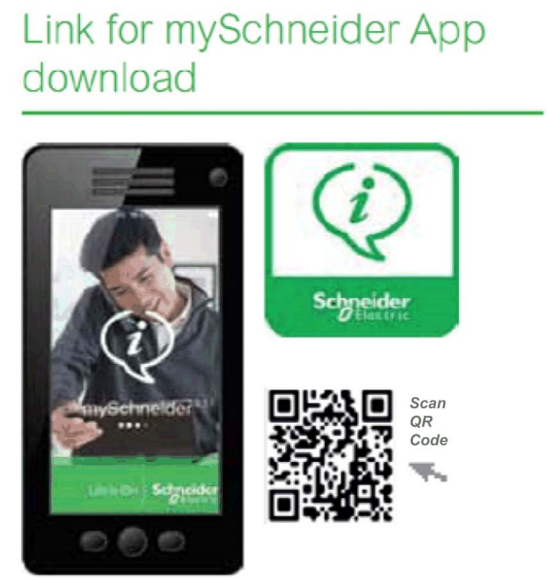
A charging station is configured using a computer connected to the charging station.

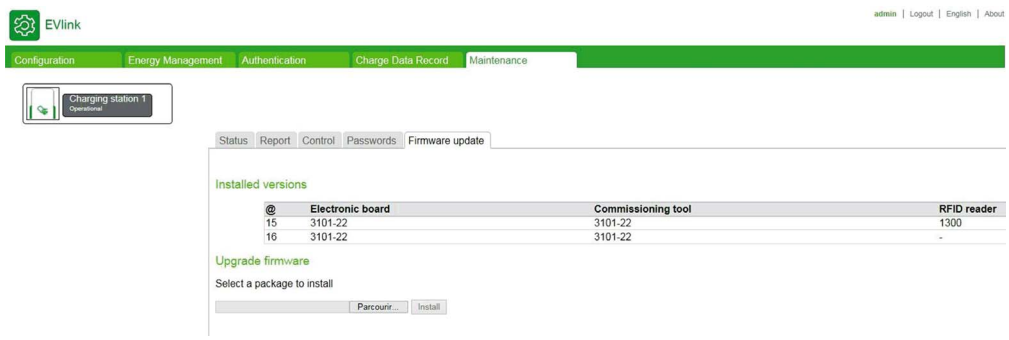
This document explains how to:

- connect to the commissioning tool,
- view the factory settings and modify them when necessary,
- manage the user badge list,
- update the firmware.

Validity Note

In line with our policy of continuous quality improvement, we may make changes to the commissioning guide as well as to the charging station firmware. The index xx in the name of this document DOCA0060EN-xx indicates its version. You will find the firmware version of the commissioning tool in the **Updates** tab as seen below. If you see a significant discrepancy in the commissioning guide when you are using the commissioning tool, please contact the Schneider Electric Customer Care to know the correct version of the guide to use.





Related Documents

Title of Documentation	Reference Number
EVlink Parking Open Charge Point Protocol Implementation guide	DOCA0089EN
Installation guide for EVlink Smart Wallbox charging stations version with socket-outlet Installation guide for EVlink parking charging stations Installation guide for EVlink City charging stations (French Only)	NHA95005 NHA47410 NHA63897
Installation guide for EVlink Smart Wallbox charging stations version with attached cable	NHA95018
GPRS modem installation guide ref. EVP1MM	NHA72299
4G modem installation guide ref. EVP2MM	QGH38473
Wi-Fi card installation guide ref. EVP1MWSI	NHA97291

You can download these technical publications and other technical information from our website at http://www.schneider-electric.com/en/download

Chapter 1
About the commissioning tool

Introduction

The commissioning tool is composed of Web pages embedded in the charging station. The application is used with a web browser on a computer connected to the charging station.

With the commissioning tool you can configure the following parameter settings (non-exhaustive list):

- Define the authentication strategy with the RFID badge. By default (factory setting), all RFID badges are accepted.
- Modify the maximum authorized charging current per charge point.
- Allow the cable to be connected permanently to the charging station, including when there is no vehicle present.
- Activate the energy management functionalities: load shedding and deferred start.
- Balance the charging powers for the charging stations with two charge points.
- Generate maintenance reports

Access rights

There are two levels of access to the commissioning tool: **Admin** and **User**.

NOTICE
MISCONFIGURATION OF IMPORTANT PARAMETERS Do NOT attempt to follow the instructions described in this document if you are unfamiliar with the installation and operation of EVlink charging stations. **Failure to follow these instructions can result in equipment damage or incorrect operation.**

Minimum requirements

Before starting, please be sure you have the rights necessary on your computer to be able to modify its IP address.

The minimum requirements for using the commissioning tool are:

- a computer with:
  - an Ethernet port,
  - a web browser.
- a category 5e or above Ethernet cable.

Access to the Commissioning tool

The commissioning tool can be accessed through a computer using a standard web browser:

- Mozilla Firefox (recommended)
- Google Chrome
- Microsoft Internet Explorer

Chapter 2
Getting started

What Is in This Chapter?

This chapter contains the following topics:

Ethernet connection

⚠⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Wear adapted personal protection equipment (PPE) and follow the security procedures.

Failure to follow these instructions will result in death or serious injury.

There are two ways to connect the computer to the charging station and access the commissioning tool:

- If the charging station is not connected to an Ethernet network:
  - ❍ Open the charging station and use a free Ethernet port.
- If the charging station is already connected to an Ethernet network:
  - ❍ Connect to this network.
    Caution: you are strongly advised to enable only the wired network interface on the PC that will be connected to the commissioning tool and thus disable the WiFi on the PC.

Computer configuration

Step	Action
1	Check that your computer is physically connected to the charging station and that it is powered on.
2	Open the local network properties menu of your computer.
3	Open Internet Protocol TCP/IP v4 properties.
4	Set the static IP address properties as follows: ● IP address: 192.168.0.x (where x is a number between 241 and 249) ● Subnet mask: 255.255.255.0 ● No default gateway ● No DNS server ● No proxy

Logging on to the Commissioning tool

Step	Action
1	Open a web browser and type *http://192.168.0.102* in the URL field.
2	On the **Login** page, choose the language, and complete the **User name** and **Password** fields. The factory settings appear below.
3	Click **Login**: if the user name and the password are correct, the commissioning home page appears. Otherwise, an access refusal message appears. (1)
(1) If you have lost your user password, contact your administrator for assistance. In case of a lost **Admin** password, restore the charging station's factory settings (call your Schneider Electric Customer Care for the procedure to follow).	

Disconnecting the Commissioning tool

⚠ ⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

Wear adapted personal protection equipment (PPE) and follow the security procedures.

Failure to follow these instructions will result in death or serious injury.

Step	Action
1	Click the **Logout** link in the top menu. Then, close the web browser.
2	Disconnect the computer from the Ethernet port.
3	Reset the computer to its initial network settings.

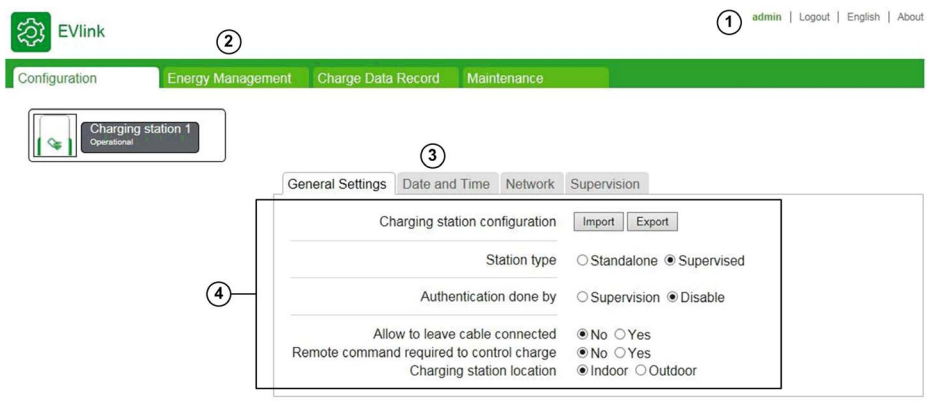
Factory settings

User:
- Username: user
- Password: USER

Admin:
- Username: admin
- Password: ADMIN

NOTE: The password is case sensitive.

Description of the User Interface



Legend	Zone	Description
1	Connection/Disconnection	• User identification area • Logout • Language • About
2	Tabs	• **Configuration**: to modify the charging station parameters. • **Energy management**: to define the energy management strategy. • **Authentication**: to manage RFID badges. • **Charge Data Record**: publication, CDR. • **Maintenance**: to obtain the version number and upgrade the firmware, to export the maintenance report, to restore the factory settings or to restart the charging station, to modify passwords.
3	Sub-tabs Action buttons Help Button	Sub-tabs corresponding to the page tab selected. Area indicating when the charging station parameters must be **Save** or **Save and reboot**. Button to open the online Help.
4	Display area	Display of the parameters corresponding to the tab and sub-tab selected.

During a save and reboot, wait until the status light of the charging station turns off and then on again to be sure that the restart with the new configuration is successfully completed.

NOTE: In the event of a Smart Wallbox charging station with a key lock, make sure that the station is unlocked, otherwise the status light remains off and it is not possible to check that the restart is completed.

Access rights to tabs

According to your configuration some tabs or sub-tabs can be hidden.

Tab	Sub-tab	Administrator	User
Configuration	General	X	X
	Network	X	–
	Wi-Fi	X	X
	Supervision	X	–
	Time	X	X
Energy management	Advanced Settings	X	–
	Socket Outlets	X	–
	Meter	X	–
Authentication	–	X	X
Charge Data Record	Charge Data Record	X	X
	Publication Settings	X	X
Maintenanace	Status	X	X
	Report	X	X
	Control	X	X
	Passwords	X	X
	Firmware updare	X	–

Parameter tables

The parameters given in the various tabs and sub-tabs are described in tables with the following format:

Parameter	Access rights		Setting range	Factory setting	Description
	Admin	User			
–	–	–	–	–	–

- **Parameter**: the parameter name
- **Access rights**: **Admin** or **User**
  - **N**: parameter not displayed
  - **R**: read-only access
  - **R/W**: read and write access
- **Setting range**: the permitted values for the parameter
- **Factory setting**: the factory setting for the parameter
- **Description**: provides information about the parameter and restrictions that apply

Chapter 3
Configuration

Purpose of the Configuration tab

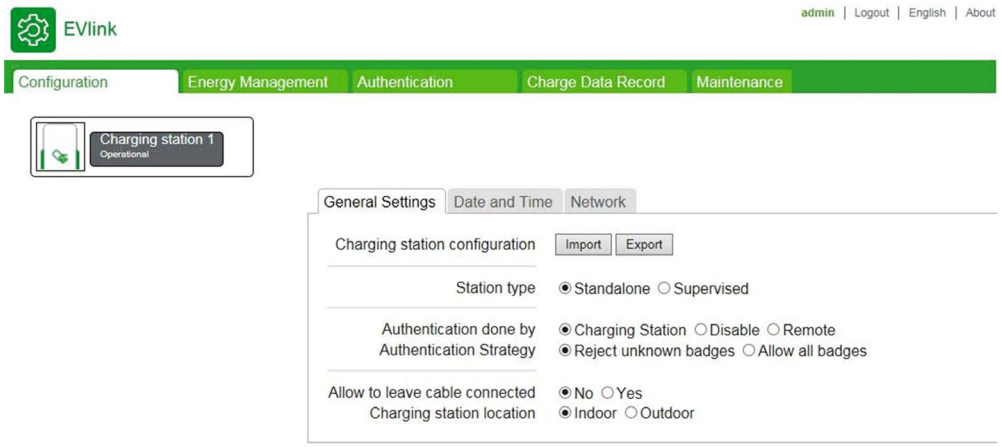
- Configure the charging station.
- Configure the access to the Ethernet local area network.
- Configure the Wi-Fi card where applicable (as accessory in Smart Wallbox stations only).
- Specify if the charging station is supervised or not and configure the supervision access.
- Specify the time settings of the charging station.

What Is in This Chapter?

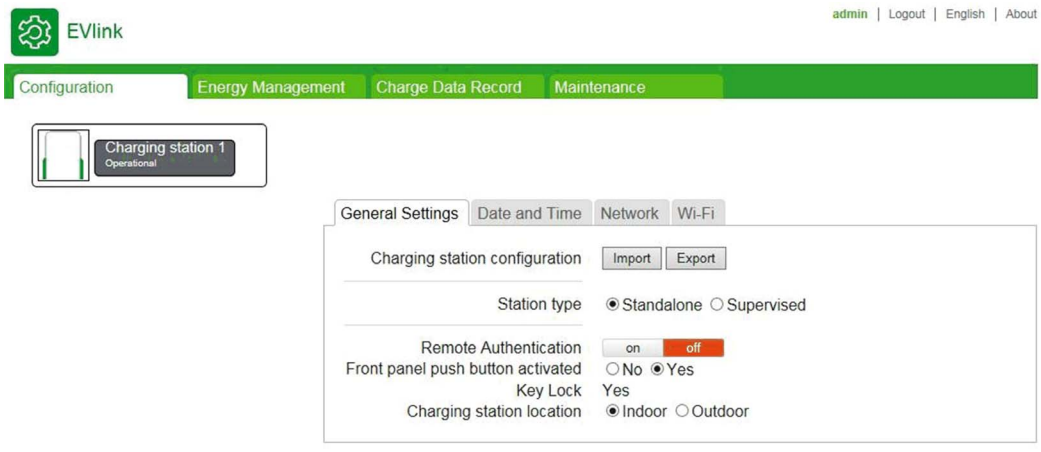
This chapter contains the following topics:

General settings sub-tab

Charging Stations with RFID reader:



Stations without RFID reader:



Parameter list

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Import or Export your Station configuration from/to file RFID badge list not included	R/W	N	**Export**	–	Saves the current configuration in a .cfg file.
			Import	–	Replaces the current configuration with that saved in a .cfg file.
Station Type	R/W	R	**Standalone**	–	Charging station is not connected to a Network or to an OCPP Supervision.
			Supervised	–	Charging station is connected to a LAN (Local Area Network) and/or to an OCPP Supervision (Open Charge Point Protocol).
Remote command required to control charge (stations without RFID reader)	R/W	R/W	**No**	X	No remote command.
			Yes	–	External authorization is required to start the charge, for example, when the station is used in **Pay As You Go** application. Authorization is sent to the charging station by the supervision further to the user authentication by the application provider via a method independent of the charging station. This parameter does not exist for charging stations with RFID reader that are always compatible with a PAYG application.
Authentication location (without Supervision via OCPP)	R/W	R/W	**Charging station**	X(1)	The authentication function is enabled; it uses the RFID reader integrated in the charging station. User badges are locally recorded with an Admin badge. For more information about **Authentication** *(see page 27)*.
			Disable	X	The authentication function is disabled; the charging station is in free access mode.
			Remote	–	Charging authorization is given by a remote system that must not be confused with a supervision via OCPP. The built-in RFID reader, if any, is not used.
Authentication location (with supervision via OCPP)	R/W	R/W	**Supervision**	X	Charging authorization comes from supervision via OCPP.
			Disable	–	The authentication function is disabled; the charging station is in free access mode.
Authentication strategy(2)(without supervision via OCPP)	R/W	R/W	**Reject unknown badges**	–	Reject badges that are not recorded in the charging station.
			Allow all badges	X	All RFID badges read by the reader start a charge.
Authentication strategy in the event of loss of communication (with supervision via OCPP)	R/W	R/W	**Reject all badges**	–	In the event communication is lost with supervision, access to the charging station is impossible, except for the badges that have been previously authenticated and recorded in the cache memory of the charging station.
			Allow all badges	X	In the event communication is lost with supervision, the charging station is in open access mode.

(1) If the charging station is equipped with an RFID reader.
(2) This parameter appears only if the **Authentication location** is set to **Charging station**.
(3) Default value for Smart Wallbox stations with a key.
(4) Default value for Smart Wallbox stations with RFID reader.

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Front panel push button activated (Smart Wallbox stations)	R/W	R	**Yes**	X(3)	The button can be used to stop then restart the charging. See the user guide for the charging station to become familiar with the other functions.
			No	X(4)	The button cannot be used to stop and restart the charging. See the user guide for the charging station to become familiar with the other functions.
Station location	R/W	R	**Indoor**	X	See next paragraph
			Outdoor	–	
Allow to leave cable connected (Parking stations)	R/W	R/W	**on**	–	See next paragraph
			off	X	
(1) If the charging station is equipped with an RFID reader. (2) This parameter appears only if the **Authentication location** is set to **Charging station**. (3) Default value for Smart Wallbox stations with a key. (4) Default value for Smart Wallbox stations with RFID reader.					

Station location parameter

Some types of electric vehicles emit toxic gases during the charge and require building ventilation when they are inside.

The **Station location** parameter defines the charging environment of the electric vehicle:

- Set the **Station location** parameter to **Indoor** (factory setting) if the charging station is installed in a building and is not connected to the building ventilation system. In this configuration, the charging station will stop the charge underway and will indicate a fault if the vehicle requires building ventilation.
- Set the **Station location** parameter to **Outdoor** if the charging station is installed outdoors or if it is inside a building and is connected to the building ventilation system.

Allow to leave cable connected parameter

This parameter is only modifiable for Parking charging stations. Setting the **Allow to leave cable connected** to **on** allows the cable to remain connected to the charging station after disconnection of the vehicle without triggering a fault.

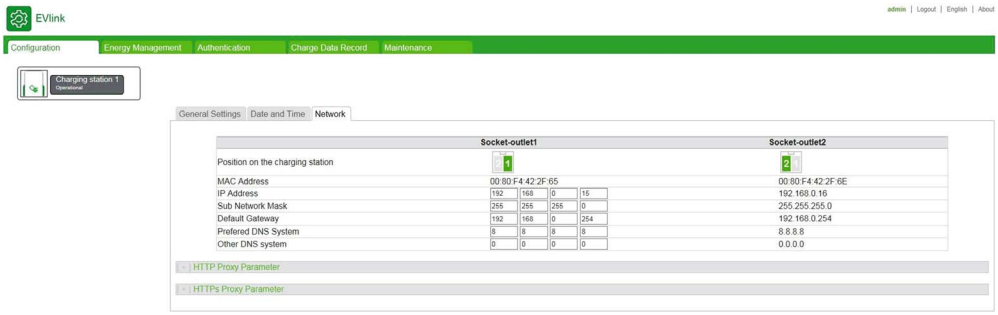
In the City charging stations, the parameter is not displayed and the factory setting is **off**.

In the Smart Wallbox charging stations the parameter is not displayed and the factory setting is **on**.

NOTE: Allow to leave the cable connected is only useful to prevent the charging station from triggering a fault. This does not mean that the cable remains locked by the charging station once the vehicle is disconnected. In these conditions, the charging cable is exposed to a risk of theft.

Network sub-tab

The purpose of this sub-tab is to set the network parameters for the charging station.



NOTE: Before making any change in this sub-tab, it is strongly recommended that you carefully read the **IP address management** paragraph below.

IP address management

The IP addresses of the charging station, as well as that of the modem as accessory and the Wi-Fi card as accessory in the Smart Wallbox stations, are set at the factory as described below. It should be noted that these addresses follow specific rules that must be followed in the event of modification.

For the PC to be able to connect to the commissioning tool, the PC and the charging station must be in the same sub-network. For this, the IP address of the PC must be fixed and composed of the same first three highest bytes as those of the IP address of the charging station. If the IP address of the charging station is that set at the factory, it is recommended you set the PC address as specified in the table below.

NOTE: You are strongly advised to activate only the wired network interface on the PC that will be connected to the commissioning tool and therefore that you disable the Wi-Fi on the PC.

	Factory-set IP address(es)	**Addressing rules**
Charging station with a single charge point	**192.168.0.102**	X.Y.Z.A
Charging station with two charge points	**192.168.0.102**	X.Y.Z.A
	192.168.0.103	X.Y.Z.[A+1]
EVlink Wi-Fi card (Smart Wallbox stations)	**192.168.0.101**	X.Y.Z.[A-1]
EVlink Modem	**192.168.0.254**	–
Commissioning PC	**192.168.0.241...249**	X.Y.Z.B

The change in the IP address or addresses of the charging station and that of the Wi-Fi card where applicable is mandatory in the following cases:

- At least two charging stations are on the same local network or share the same modem via an Ethernet connection, all with the same factory-set IP addresses.
- The IP address or one of the IP addresses of the charging station, or the address of the Wi-Fi card, is already used by another device connected to the local network.
- The gateway between the Wi-Fi network and the Internet is not in the same sub-network as the Wi-Fi card of the charging station (the first three highest bytes of the IP addresses are not identical).

It should be noted that in the event of a change in IP address, you must ensure that all the IP addresses of the charging station and the Wi-Fi card if it is present comply with the addressing rules described in the table above.

In the same way, after a change in IP address of the charging station you must modify the IP address of the commissioning PC so that the charging station and the PC are always in the same sub-network: the first three highest bytes of the IP addresses must be identical.

A change to a charging station IP address is performed in the **Network** sub-tab. If the charging station is equipped with a Wi-Fi card, you must change the IP address of the card in the **Wi-Fi** sub-tab before changing the IP address of the charging station.

A change to an IP address must take place as follows:
- Make this change off line from the local network and from any other charging station by unplugging the Ethernet cables. If the charging station is equipped with a Wi-Fi card, the Ethernet connection between the two must be maintained.
- Ensure that the new IP addresses are available in the local network.
- For a Smart Wallbox charging station equipped with a key lock, you must ensure that the key is in the unlocked position.

Network architecture

The EVlink modem as accessory acts like a router, it can be shared by more than one charging station sequenced together and connected to the modem in wired Ethernet mode. For more details, please refer to EVlink Modem documents.

The Wi-Fi card, available as an accessory in the Smart Wallbox stations only, acts as a bridge: a single station can be connected to the card to access the wireless local area network.

Parameter list

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
MAC Address	R/W	R	–	–	–
IP Address	R/W	R	–	**192.168.0.102**	1st charge point.
				192.168.0.103	2nd charge point.
Sub Network Mask	R/W	R	–	**255.255.255.0**	–
Default Gateway	R/W	R	–	**0.0.0.0**	See the paragraph below.
Preferred DNS System	R/W	R	–	**0.0.0.0**	–
Other DNS System	R/W	R	–	**0.0.0.0**	–

Change the charging station IP address

Reminder: If the charging station is equipped with a Wi-Fi card as an accessory, any change in the IP address of the charging station means that the IP address of the Wi-Fi card must be changed as well. This must be done before changing the IP address of the charging station and in accordance with the addressing rules described above.

Be sure to carefully note the new IP address of the charging station so as to be able to enter it later in the browser of the PC used to connect to the commissioning tool. Be careful, if the new IP address is forgotten, the charging station must be reset to the factory settings. Contact Schneider Electric Customer Care for information on this procedure.

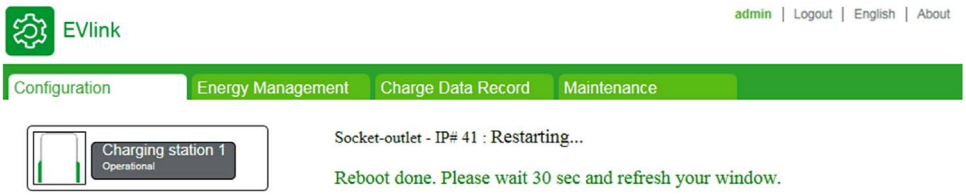
Default gateway parameter

If the charging station is connected to the EVlink modem as accessory, the default gateway IP address is that of the modem: 192.168.0.254. The IP address of the modem must be changed if the sub-network of the charging station is no longer 192.168.0.X.

If the charging station is equipped with a Wi-Fi card, the IP address of the default gateway is that of the Wi-Fi access point.

Saving modifications and software reboot

Any modification in the **Network** sub-tab implies a software reboot of the charging station to be taken into account: click **Save and Reboot**.



Before the restart the indicator light on the charging station turns off. Then it turns on in green about 30 seconds later when the restart is finished. You must wait for the end of the restart then simply refresh the page on the PC if the IP address of the charging station has not been modified. Otherwise, enter the new IP address of the charging station in the address bar of the PC browser and start browsing. If the charging station has been placed in another sub-network, you must first modify the IP address of the PC to put it in the same sub-network, then enter the new IP address of the charging station in the address bar of the browser and start browsing.

If there is no Wi-Fi card in the charging station, or if no change was made to the configuration of the Wi-Fi card, a simple software reboot is sufficient.

NOTE: In the case of a Smart Wallbox charging station with a key lock, ensure that the charging station is not locked before restarting because then the off/on sequence of the indicator light on the front face will not be visible.

Hardware reboot (charging station with Wi-Fi card)

Any modification in the **Network** sub-tab implies a software reboot of the charging station to be taken into account (refer to the section **Saving modifications and software reboot**).

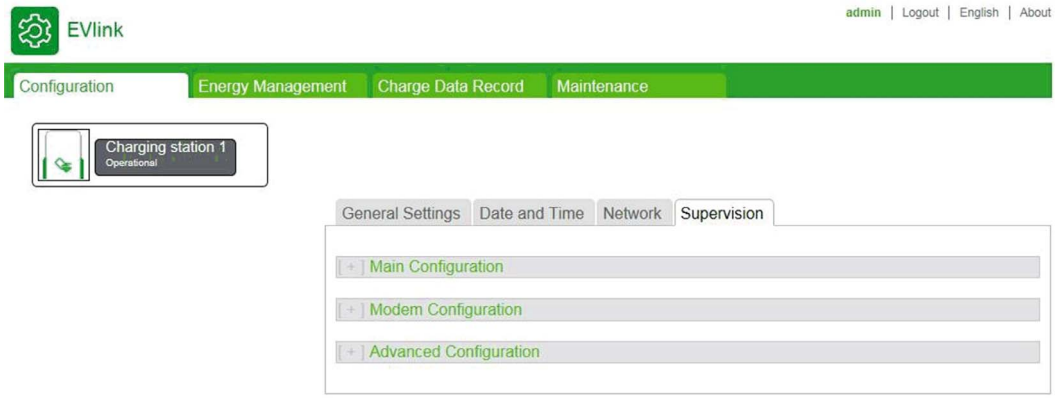
If the charging station is equipped with a Wi-Fi card and if the Wi-Fi card configuration was modified, you must:

Step	Action
1	Disconnect your Ethernet cable from the PC.
2	Switch off the power supply of the charging station.
3	Wait five seconds before switching on the power supply.
4	Wait for the indicator light to turn on in green about 30 seconds later.
5	Connect your PC to the Wi-Fi network and enter in your PC browser the new IP address for the charging station in the address bar of the PC browser and start browsing.

NOTE: In the case of a Smart Wallbox charging station with a key lock, ensure that the charging station is not locked before restarting because then the off/on sequence of the indicator light on the front face will not be visible.

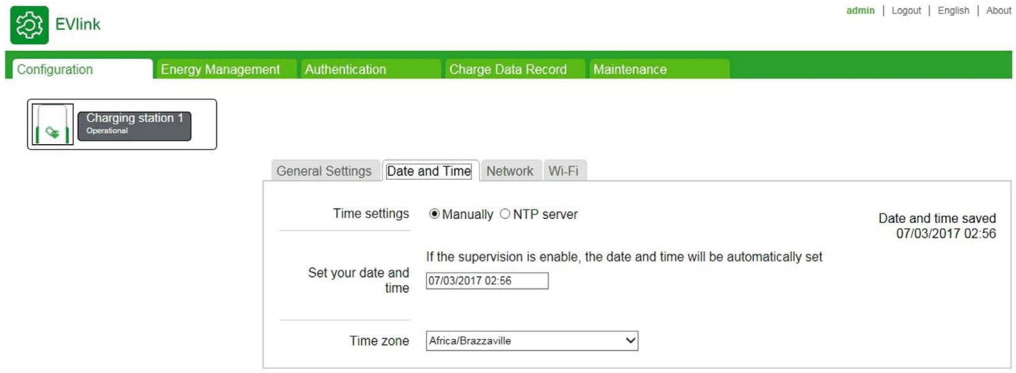
Supervision sub-tab

This sub-tab is used to configure the charging station so that it can be supervised with OCPP (OCPP stands for Open Charge Point Protocol).



The complete configuration procedure is described in the document with the reference DOCA0089EN.

Date and Time settings sub-tab

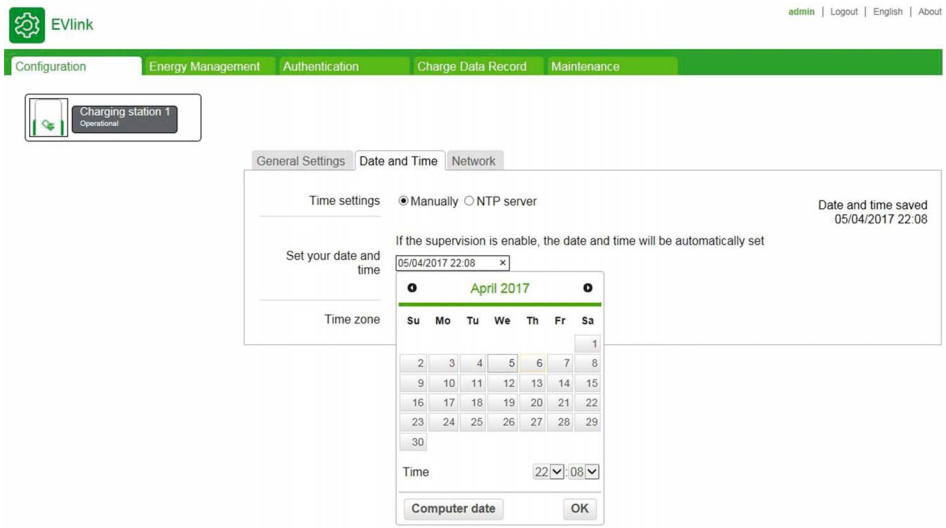


It is important to set the time and date of the charging station to obtain charge logs with a correct timestamp.

Parameter list

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Time settings	R/W	R/W	**Manually**	X	Manual entry of date and time.
			NTP server	–	The date and time are automatically set by the charging station itself (Internet connection required).

Manual setting



To start, click in the **Set your date and time** entry field. A calendar appears in which you must select date and time. Click on **OK** to save the time and date settings.

Time server (NTP) parameter

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Time server (NTP) address	R/W	R/W	**up to 200 characters**	**pool.ntp.org**	See next paragraph
Time zone	R/W	R/W	–	–	Select the time zone

The Network Time Protocol (NTP) is used to synchronize the local clock on computers with a reference time. An NTP server is a Web server to which the charging station connects automatically via Internet to synchronize its internal clock with that of the server. There are NTP servers in most countries. Enter the NTP server address in this parameter.

Chapter 4
Energy management and input configuration

Purpose of the Energy management tab

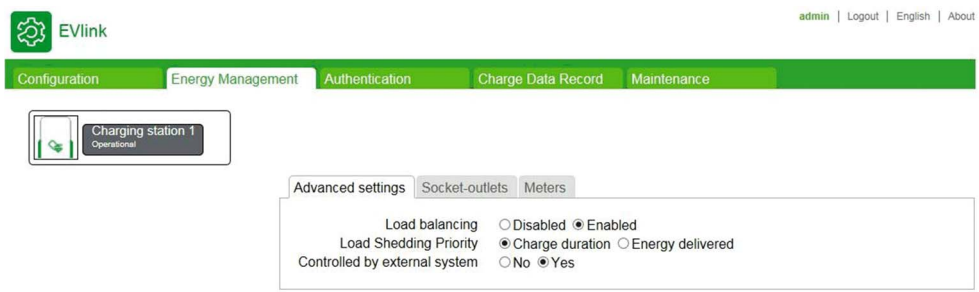
This tab allows you to configure:

- **The energy management strategy for distributing the power available for the charging station between the two charge points.**
- The power delivered by the charging station.
- The function inputs: Circuit breaker status, conditional start, Current limitation.
- The power meters.

What Is in This Chapter?

This chapter contains the following topics:

Advanced settings sub-tab



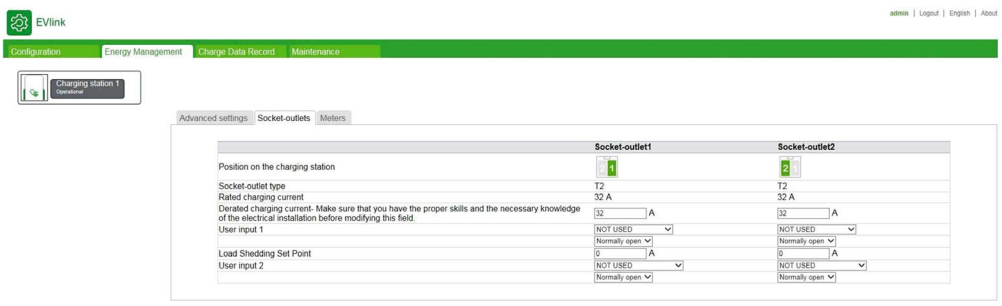
Parameter list

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Load Balancing (City and Parking stations)	R/W	N	**Disable**	–	Power delivered by each charge point is set independently.
			Enable	X	The charging station itself does the power split between the two charge points to avoid tripping.
(1) An external system can be either an OCPP supervision or a Building Management System over Modbus.					

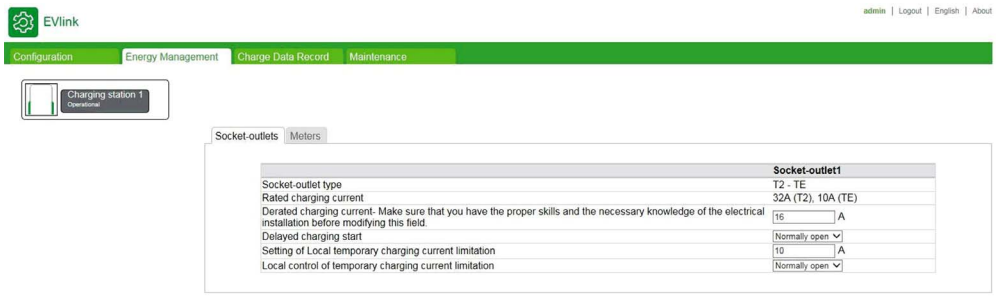
Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Load Shedding Priority	R/W	R	**Charge duration**	X	When the power available for the charging station becomes insufficient for the two on-going charging operations, the one that has started first will be shed first.
			Energy delivered	–	When the power available for the charging station becomes insufficient for the two on-going charging operations, the one that has delivered the most energy will be shed first.
Controlled by external system	R/W	N	**NO**	X	The charging station cannot be controlled by an external system(1).
			Yes	–	An external system(1) can dynamically set the maximum current of a charging station.
(1) An external system can be either an OCPP supervision or a Building Management System over Modbus.					

Socket-outlets sub-tab

Parking and City charging stations:



Smart Wallbox charging stations:



Parameter list

⚠ ⚠ DANGER

RISK OF OVERHEATING, EXPLOSION, OR ARC FLASH

Be sure that the supply cable for each charge point of the charging station is properly protected by the upstream circuit breaker, depending on its length and the cross-section of conductors and in compliance with the electrical installation standards in effect, irrespective of the maximum charging current setting.

Failure to follow these instructions will result in death or serious injury.

For each charging point, the following parameters are displayed and can be adjusted.

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Position on the charging station (City and Parking stations)	R	N	**1** or **2**	–	Position of each socket-outlet. ● 1 is right ● 2 is left
Socket-outlet type	R	N	**T2**	–	For each charge point, socket-outlet type or connector type at the end of the attached cable. T2 socket-outlet or attached cable with T2 connector
			T3	–	T3 socket-outlet
			TE	–	Type E domestic socket-outlet
			T2 - TE	–	Unique charge point equipped with one T2 socket-outlet and one type E domestic socket-outlet
			T1	–	Attached cable with T1 connector
Rated charging current	R	N	**32 A**	32 A	Maximum current the charging station is able to deliver at each charge point.
Derated charging current (City and Parking stations)	R/W	N	From 0 A to the value of the **Rated charging current**	32 A	Maximum current the charging station is authorized to deliver at each charge point further to the derating. ● **If Load Balancing is disabled:** ❍ From 0 to 5, the operating value is 0 (To be compliant with IEC 61851). ● **If Load Balancing is enabled:** ❍ From 0 to 7 for single-phasis charge, the operating value is 0. ❍ From 0 to 13 tri-phasis charge, the operating value is 0 (To be compliant with EV/ZE Ready.) **NOTE:** if a single phasis EV or cable is connected to a Tri-phasis charging station the charge is considered as a single phasis charge.

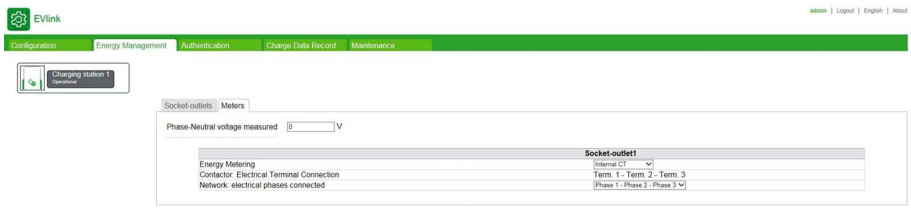
(1) This setting value does not exist for the City charging stations that are provided with an additional input for the circuit-breaker monitoring whatever the use of Function In-1.

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Derated charging current (Smart Wallbox stations)	R/W	N	From 0 A to the value of the **Rated charging current**	16 A	Maximum current the charging station is authorized to deliver further to the derating. From 0 to 7 for single-phasis charge, the operating value is 0. From 0 to 13 tri-phasis charge, the operating value is 0 (To be compliant with EV/ZE Ready). **NOTE:** If a single phasis EV or cable is connected to a Tri-phasis charging station the charge is considered as a single phasis charge.
Function In-1 (City and Parking stations)	R/W	N	**Not used**	X	No function is associated.
			Protection devices State connected to the board(1)	–	The wired Input 1 is connected to the remote contact of the devices protection (circuit breaker and Residual Current Device) in order to monitor their states.
			Load-shedding input	–	The wired Input 1 is used to control the temporary load-shedding of the charge point.
Function In-2 (City and Parking stations)	R/W	N	**Not used**	X	No function is associated with the input number 2.
			Conditional_Outgoing line	–	The wired Input 2 is used as a condition to start charging.
Normally open (Function In-1/Function In-2) (City and Parking stations)	R/W	N	Checked	X	–
			Unchecked	–	
Delayed charging start (Smart Wallbox stations)	R/W	N	**Normally open**	X	The charging start is delayed (or the charging is interrupted when started beforehand) if the contact wired to the corresponding input is closed. Set the parameter to this value if the input for delayed start is not used and not connected.
			Normally closed	–	The charging start is delayed (or the charging is interrupted when started beforehand) if the contact wired to the corresponding input is open.
Local control of temporary charging current limitation (Smart Wallbox stations)	R/W	N	**Normally open**	X	The charging current is limited if the contact wired to the corresponding input is closed. Set the parameter to this value if the input for temporary current limitation is not used and not connected.
			Normally closed	–	The charging current is limited if the contact wired to the corresponding input is open.

(1) This setting value does not exist for the City charging stations that are provided with an additional input for the circuit-breaker monitoring whatever the use of Function In-1.

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Load Shedding Set Point (City and Parking stations)	R/W	N	0 to the value of the maximum charging current possibly derated	0 A	Temporary charging current limitation when the control input is enabled. ● **If Load Balancing is disabled:** ❍ From 0 to 5, the operating value is 0 (To be compliant with IEC 61851). ● **If Load Balancing is enabled:** ❍ From 0 to 7 for single-phasis charge, the operating value is 0. ❍ From 0 to 13 tri-phasis charge, the operating value is 0 (To be compliant with EV/ZE Ready). **NOTE:** if a single phasis EV or cable is connected to a tri-phasis charging station the charge is considered as a single phasis charge.
Setting of local temporary charging current limitation (Smart Wallbox stations)	R/W	N	0 to the value of the maximum charging current possibly derated	0 A	Temporary charging current limitation when the control input is enabled. From 0 to 7 for single-phasis charge, the operating value is 0. From 0 to 13 tri-phasis charge, the operating value is 0 (To be compliant with EV/ZE Ready). **NOTE:** if a single phasis EV or cable is connected to a tri-phasis charging station the charge is considered as a single phasis charge.
(1) This setting value does not exist for the City charging stations that are provided with an additional input for the circuit-breaker monitoring whatever the use of Function In-1.					

Meters sub-tab

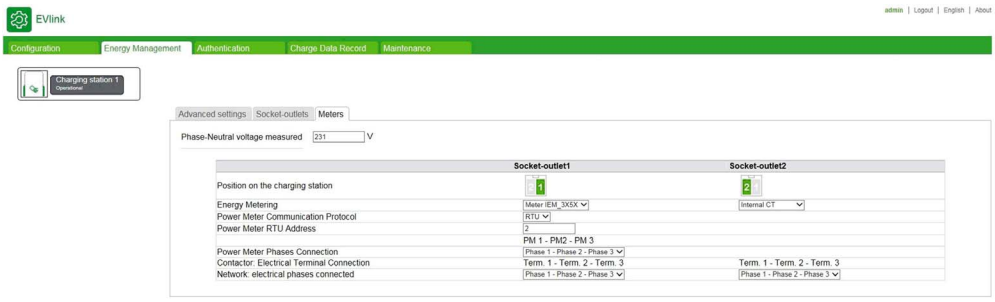


Energy metering is achieved per charge point for the charging stations with two charge points. This can be done without adding meters when it is based on the measurement of the charging current using current transformers inside the charging station, and on the value of the measured phase neutral voltage that has been entered in the **Phase-Neutral Voltage measured**.

NOTE: Internal energy metering is based on the measurement of the apparent power, in other words, it does not take into account the power factor (cos Φ).

To obtain more accurate measuring a meter (one per charge point) must be installed and connected inside or outside of the charging station depending on the version.

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Phase-Neutral Voltage Measured	R/W	N	**0 V...276 V**	**230 V**	The value of the phase neutral voltage that has been measured by installer. This value is used only when energy metering is done using current transformers (Internal CT) and also in case of communication lost with power meter. When energy metering is done by power meter, all values V, I, E are read from power meter.



List of parameters (for each charge point)

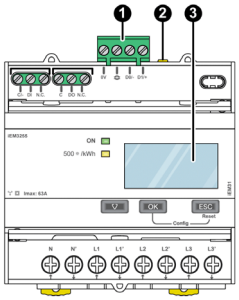
Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Energy metering	R/W	R	**IEM_3x5x**(1)	–	Use of the additional energy meter for a metering accuracy of less than 2%.
			Internal CT	X	There is no additional energy meter. The current measurement is performed by current transformers inside the charging station. The energy is calculated according to the value of the presumably constant neutral phase voltage, and taking into account the duration of the charge.

(1) For the meter **iEM_3x5x**, the parameter values to be entered are as follows:

- **Power meter communication protocol**: select **Modbus RTU** or **Modbus TCP** in the list. The default protocol is **Modbus TCP**.
- **Power meter RTU address**: when **Modbus RTU** is selected, enter a value between 1 and 255. The default value is 30.
- **Power meter gateway address**: when **Modbus RTU** is selected, enter a value between 130 and 162. The default value is 130.

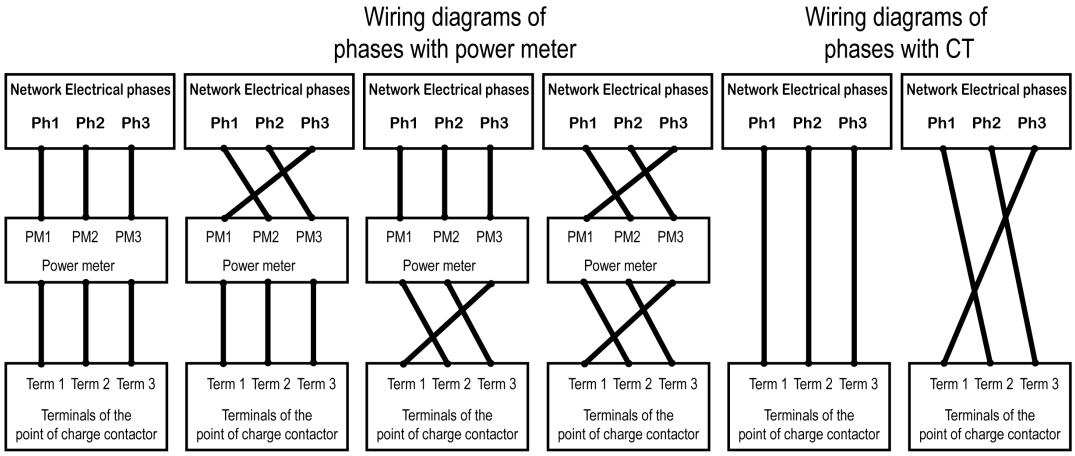
Procedure for modifying the parameters of the IEM 3155 meter

For power meter configuration, please refer to the Quick Start Guide S1B46602:

Step	Action	Action
1	The parameters to be modified in the meter: ● **Wiring\Type: 3PH4W** (3 phases + Neutral - 4 wires) ● **Communication**: ❍ Modbus address: **2** ❍ Parity: **None** ❍ Speed: **19,200 bauds** ● **COM.Protection**: **COM.Protection: Disable**	–
2	Check that the Modbus communication runs properly. ● Check that the measurement light blinks after starting a charge with a simulator or the vehicle. ● If the measurement light does not blink, export then open the maintenance report of the charging station (see the **Maintenance** tab). Refer to the ErrorStatus section Bit 11: **DI PowerMeter Comm KO** indicates incorrect connection or incorrect configuration.	 **Error Status** bit description / Plug #102 / Plug #103 Err #1 - Rfid Reader OK OK Err #3 - Internal Communication OK OK Err #4 - Outlet Lock OK OK Err #5 - Contactor State OK OK Err #6 - Surge Arrestor OK OK Err #7 - Anti-intrusion OK OK Err #8 - Hardware Configuration OK OK Err #9 - Software Configuration OK OK Err #10 - Flap Sensor OK OK Err #11 - Upstream Protection Devices OK OK Err #12 - Power Meter Communication OK KO Err #13 - Remote Authentication Communication OK OK Err #14 - [Ua]Plug Process OK OK Err #15 - Load tri-phasis compliancy OK OK Err #16 - Plc Communication OK OK Err #17 - Control Pilot (CP) Signal conformity OK OK Err #18 - Plug Presence (PP) conformity OK OK Err #19 - Charge Alarm EV Disconnected OK OK Err #20 - Charge Alarm ShortCut OK OK Err #21 - Charge Alarm OverLoad OK OK Err #22 - Charge Alarm Ventilation Not Allowed OK OK Err #24 - Modem Communication OK OK Err #30 - Supervision Communication OK OK Err #31 - NTP Server Communication OK OK **1** Communication port **2** Yellow measurement light blinking for active communication **3** Measurement and Configuration Display

Parameters for the wiring of phases to the power terminal block and to the energy meter

These parameters are used to describe how the phases are balanced (or not).



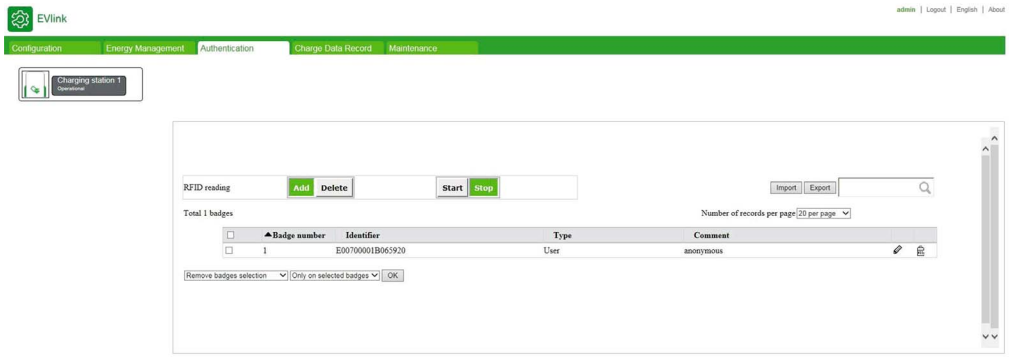
Parameter values to enter in the Meters sub-tab

Power Meter Phases Connection	PM1 - PM2 - PM3	PM1 - PM2 - PM3	PM1 - PM2 - PM3	PM1 - PM2 - PM3	Term 1 - Term 2 - Term 3	Term 1 - Term 2 - Term 3
Contactor: Electrical Terminal Connection	Term 1 - Term 2 - Term 3	Term 1 - Term 2 - Term 3	Term 1 - Term 2 - Term 3	Term 1 - Term 2 - Term 3		
Network: Electrical Phases Connected	Phase 1 - Phase 2 - Phase 3	Phase 3 - Phase 1 - Phase 2	Phase 3 - Phase 1 - Phase 2	Phase 2 - Phase 3 - Phase 1	Phase 1 - Phase 2 - Phase 3	Phase 3 - Phase 1 - Phase 2

Chapter 5
Authentication

Purpose of the Authentication tab

- Display and manage the local list of authorized RFID badges in case of a charging station that is not provided with a supervision via OCPP.



List of badge properties

Properties	Access rights		Setting range	Factory setting	Description
	Admin	User			
Badge number	R	R	–	–	Badge number
Identifier	R	R	–	–	Unique identifier of the badge
Type	R/W	R/W	**User**	X	Defining the rights associated with the badge
			VIP		
			Admin		
Comment	R/W	R/W	0...50 characters	–	Additional information associated with the badge identifier. This comment will be displayed in the **Charge Data Record**.

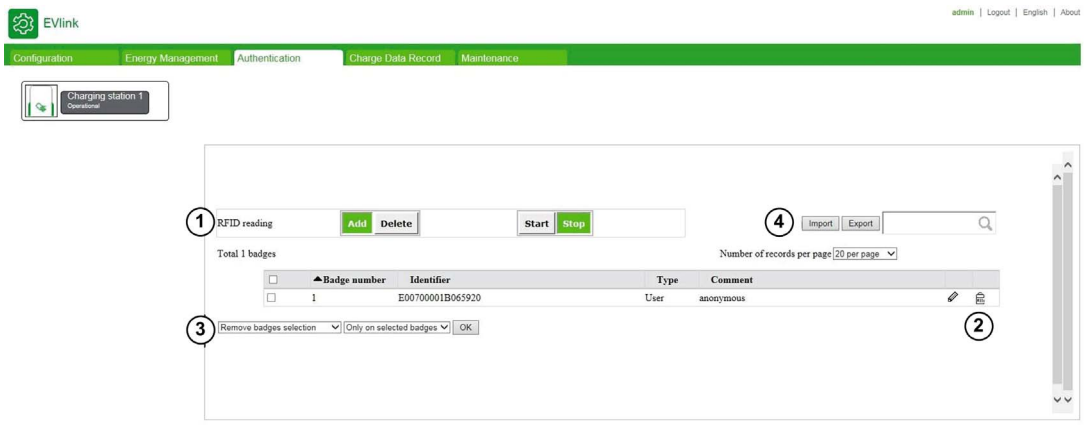
Rights associated with the type of badge

The badge Type (**User**, **VIP**, **Admin**) defines the rights associated with the badge. This Type must not be confused with the account profile (**Admin**, **User**) of the person connected to the commissioning tool.

- **User**: Badge used to charge the electric vehicle in standard mode.
- **VIP**(1): Badge used to charge the electric vehicle in priority mode. When the charging station operates in a **cluster with Energy management**, the station charging a vehicle identified by a VIP badge does not apply reduction or only partially.
- **Admin**: Badge used to manually add or remove **User** badges (refer to the document HRB60015). It can also be used to stop a charge underway started with another badge.
  NOTE: An **Admin** badge cannot be used to charge an electric vehicle.

(1) This type of badge is only available for charging stations operating in cluster mode.

Action buttons description



Legend	Action Category	Button Description
1	Manual creation/removal of badges: ● Add badges ● Remove badges	● **Add**/**Delete** button: select whether to add or remove badges ● **Start**/**Stop** button: start or stop the addition or removal.
2	Individual badge management: ● Modify properties ● Remove badge ● Save changes ● Cancel modifications	● : allows modification of the badge properties ● : removes a badge ● : saves the new badge properties ● : cancels modifications made to the badge properties that have not yet been saved **NOTE:** During the modification of the badge properties: ● the button replaces the button ● the button replaces the button
3	Multiple badge management: ● Remove selected badges ● Remove all badges ● Change badge type	● **Remove badges selection** and **Remove all badges:** refer to the above instructions for removing badges. ● **Change badge type** to **User**, **VIP** or **Admin** to modify the associated rights.
4	Management of a whole set of badges: ● Export all badges ● Import all badges	● **Export**: exports all badges with their properties in a *.csv* file to create a backup of the list of badges or to copy this list to another charging station.. ● **Import**: creates a set of badges with their properties from a *.csv* file. This function removes all the badges that existed previously.

Adding one or more badges

Step	Action
1	Toggle the **Add**/**Delete** button to the **Add** position.
2	Toggle the **Start**/**Stop** button to the **Start** position.
3	To add several badges, pass them in front of the RFID reader, one after the other. The charging station beeps each time a badge is added.
4	Wait 30 seconds or toggle the **Start**/**Stop** button to the **Stop** position to finish adding badges.

Modifying a badge

The following two badge properties can be modified:
- **Comment**
- **Type**

Step	Action
1	Click the  button.
2	Modify the **Comment** or **Type** badge properties.
3	Click the  button to save the changes.

Removing badges

There are three ways to remove badges.

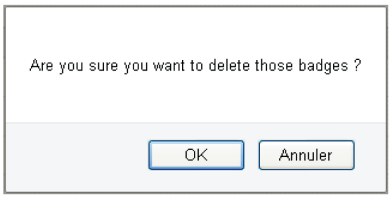
To remove several badges with the RFID reader, proceed as follows:

Step	Action
1	Toggle the **Add**/**Delete** button to the **Delete** position.
2	Toggle the **Start**/**Stop** button to the **Start** position.
3	To remove several badges, pass them in front of the RFID reader, one after the other. The charging station emits a beep each time a badge is removed.
4	Wait 30 seconds or toggle the **Start**/**Stop** button to the **Stop** position to finish removing badges.

To remove several badges with the multiple selection, proceed as follows:

Step	Action
1	Select the badges to be removed by checking the boxes. **NOTE:** Check the upper left box to select all badges of the current page.
2	Select the **Remove badges selection** option in the drop-down list.
3	Click **OK**.

To remove all badges, proceed as follows:

Step	Action
1	Select the **Remove all badges** option in the drop-down list.
2	Click **OK**.
3	A dialog box appears.  Click **OK** to confirm the removal of badges.

Exporting badges

The **Export** function is used to create a backup of the list of badges in a *.csv* file or to copy this list to another charging station.

Step	Action
1	Click **Export**.
2	Select **Save File** and click **OK**. The file is saved in the web browser downloads folder.

Import badges

The **Import** function is used to restore the list of badges or to copy this list from another charging station.

Step	Action
1	Click **Import**.
2	Click **Browse**, select the desired *.csv* file, and click **Open**.
3	Click the **Import** button. **NOTE:** The import operation erases the existing list of authorized badges.

Caution: It is not possible to export the list of badges, to modify this list and then import it in the same charging station or another charging station.

Chapter 6
Charge Data Record

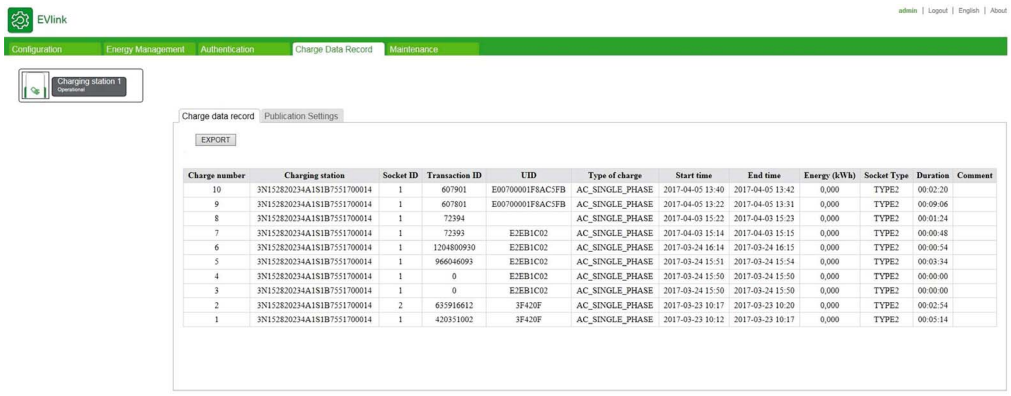
Purpose of the Reporting tab :

- Display or export information relating to the last charging sessions.
- Configure the frequency and the transmission mode of the charging sessions.

What Is in This Chapter?

This chapter contains the following topics:

Charge Data Record



Charge number	Charging station	Socket ID	Transaction ID	UID	Type of charge	Start time	End time	Energy (kWh)	Socket Type	Duration	Comment
10	3N152820234A1S1B7551700014	1	607901	E00700001F8AC5FB	AC_SINGLE_PHASE	2017-04-05 13:40	2017-04-05 13:42	0,000	TYPE2	00:02:20	
9	3N152820234A1S1B7551700014	1	607801	E00700001F8AC5FB	AC_SINGLE_PHASE	2017-04-05 13:22	2017-04-05 13:31	0,000	TYPE2	00:09:06	
8	3N152820234A1S1B7551700014	1	72394		AC_SINGLE_PHASE	2017-04-03 15:22	2017-04-03 15:23	0,000	TYPE2	00:01:24	
7	3N152820234A1S1B7551700014	1	72393	E2EB1C02	AC_SINGLE_PHASE	2017-04-03 15:14	2017-04-03 15:15	0,000	TYPE2	00:00:48	
6	3N152820234A1S1B7551700014	1	1204800930	E2EB1C02	AC_SINGLE_PHASE	2017-03-24 16:14	2017-03-24 16:15	0,000	TYPE2	00:00:54	
5	3N152820234A1S1B7551700014	1	966046093	E2EB1C02	AC_SINGLE_PHASE	2017-03-24 15:51	2017-03-24 15:54	0,000	TYPE2	00:03:34	
4	3N152820234A1S1B7551700014	1	0	E2EB1C02	AC_SINGLE_PHASE	2017-03-24 15:50	2017-03-24 15:50	0,000	TYPE2	00:00:00	
3	3N152820234A1S1B7551700014	1	0	E2EB1C02	AC_SINGLE_PHASE	2017-03-24 15:50	2017-03-24 15:50	0,000	TYPE2	00:00:00	
2	3N152820234A1S1B7551700014	2	635916612	3F420F	AC_SINGLE_PHASE	2017-03-23 10:17	2017-03-23 10:20	0,000	TYPE2	00:02:54	
1	3N152820234A1S1B7551700014	1	420351002	3F420F	AC_SINGLE_PHASE	2017-03-23 10:12	2017-03-23 10:17	0,000	TYPE2	00:05:14	

Export button

The **Export** button inside the sub-tab is used to export all the charging sessions saved in the charging station in a .csv file (up to 3000 charging sessions).

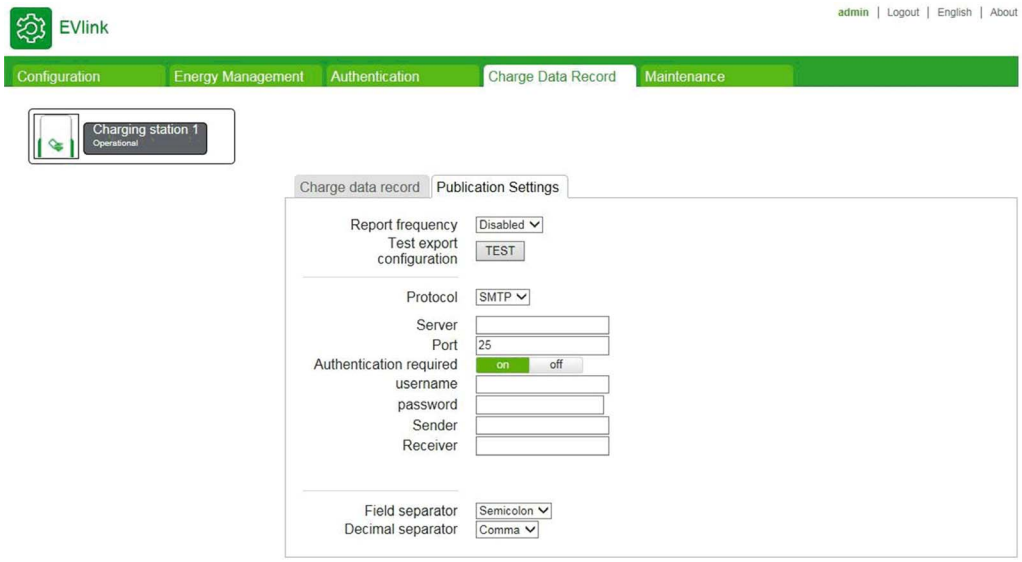
CDR description

CDR (Charging Details Record) refers to the charge log. This sub-tab displays the last thirty charge logs of the charging station with the following data for each charge log:

- Charge number
- Charging station
- Socket ID
- Transaction ID (Transaction identifier from OCPP Supervision)
- Authentication system ID (UID)
- Type of charge detected by the charging station
- Start time of session
- End time of session
- Energy in kWh
- Type of socket-outlet or connector (attached cable)
- Charge duration
- Comment

Publication settings sub-tab

This tab is used to configure how the charging session data is sent.



Parameter list

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Report frequency(1)	R/W	R	**Disabled**	X	**Daily**: Everyday at 0 :01 **Weekly**: Every Monday at 0:01 **Monthly**: Every 1st of the month at 0:01
			Daily	–	
			Weekly	–	
			Monthly	–	
Protocol	R/W	R	**SMTP**	X	Information given by your network manager.
			FTP	–	
			HTTP	–	
Field separator	R/W	R	**Semicolon**	X	–
			Comma	–	
			Tab	–	
Decimal separator	R/W	R	**Comma**	X	–
			Dot	–	–

(1) All data already sent will not be sent again.

SMTP parameters (All these parameters are mandatory and given by your administrator)

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Server	R/W	R	–	–	Enter the URL or the IP address of the server.
Port	R/W	R	**25...587**	**25**	Enter the Port of the Server.
Authentication required	R/W	R	**On**	–	Indicate whether or not authentication is required by the SMTP server.
			Off	X	
Username	R/W	–	–	–	Displayed if **Authentication required** is set to **on**.

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Password	R/W	–	–	–	Displayed if **Authentication required** is set to **on**.
Sender	R/W	R	–	–	The sender address should contain less than 255 characters.
Receiver	R/W	R	–	–	Several receiver addresses can be entered and must be separated by a semi-colon (no space before or after). The entry should contain less than 255 characters.

FTP parameters (All these parameters are mandatory and given by your administrator)

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Server	R/W	R	–	–	Enter the URL or the IP address of the server.
Authentication required	R/W	R	**On**	–	Indicate whether or not authentication is required by the FTP server.
			Off	X	
Username	R/W	–	–	–	Displayed if **Authentication required** is set to **on**.
Password	R/W	–	–	–	Displayed if **Authentication required** is set to **on**.
FTP Port	R/W	–	**1..9999**	**21**	–
Passive mode	R/W	–	**on**	–	–
			off	X	

HTTP parameters (All these parameters are mandatory and given by your administrator)

Setting	Access rights		Setting range	Factory setting	Description
	Admin	User			
Server	R/W	R	–	–	Enter the URL or the IP address of the server.
Authentication required	R/W	R	**On**	–	Indicate whether or not authentication is required by the HTTP server.
			Off	X	
Username	R/W	–	–	–	Displayed if **Authentication required** is set to **on**.
Password	R/W	–	–	–	Displayed if **Authentication required** is set to **on**.
HTTP Port	R/W	–	**1..9999**	**80**	–
Path	R/W	–	–	–	Path to copy the files. Should contain less than 100 characters.
Field name	R/W	–	–	–	Should contain less than 50 characters.

Chapter 7
Maintenance

Purpose of the Maintenance tab

- Display the live status of the charging station
- Display and export the maintenance report
- Restore the factory settings of the charging station configuration (accessible to the administrator only)
- Restart the charging station
- Modifying the password of the selected account
- Display the software version of the electronic board and the commissioning tool of each charge point
- Display the version of the RFID reader software when applicable
- Upgrade the software

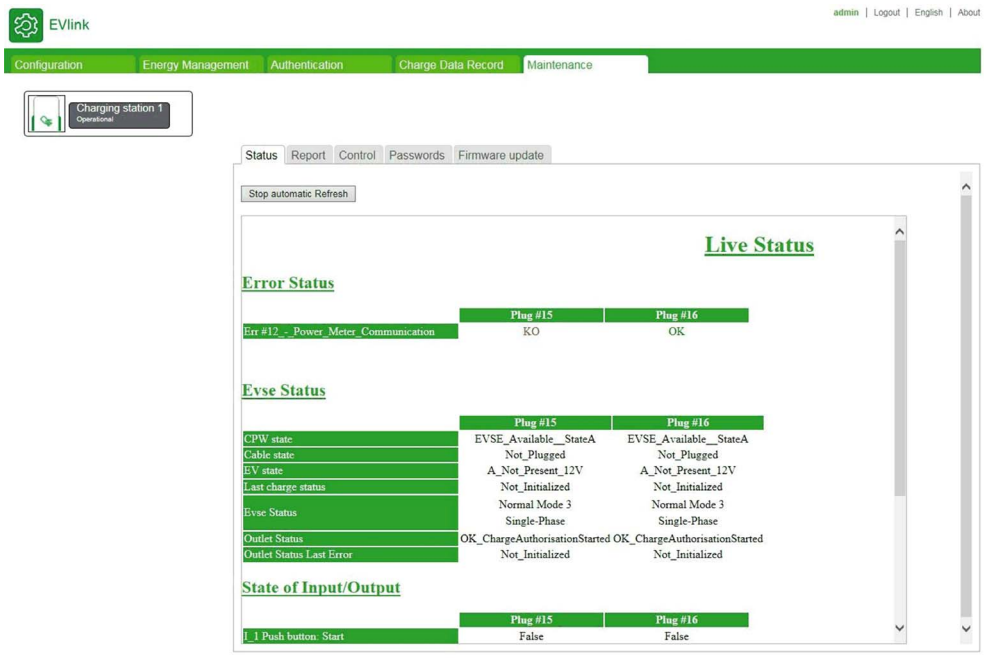
What Is in This Chapter?

This chapter contains the following topics:

Status sub-tab

This sub-tab displays the live status (refreshed every 5 s) of the charging station, and contains

- Errors
- Status



Stop automatic refresh

This button allows the automatic refresh to be stopped in order to freeze the status.

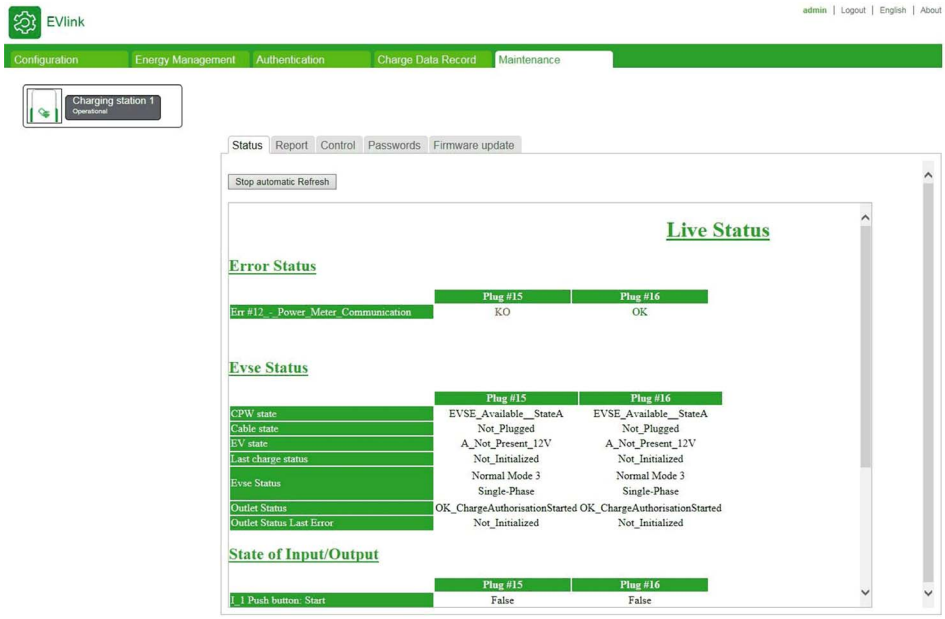
Force Refresh

This button is displayed only when the automatic refresh has been stopped. This button allows the status to be refreshed once.

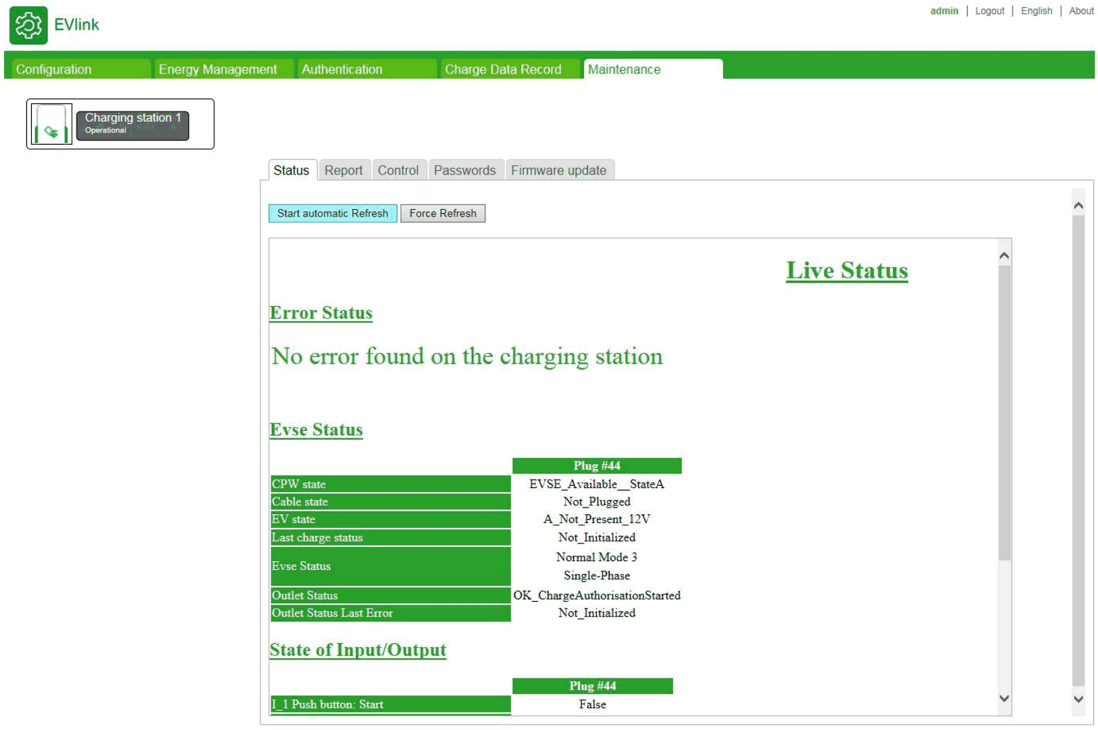
Start automatic refresh

This button is displayed only when the automatic refresh has been stopped. This button allows the automatic refresh to restart.

If there are one or more several errors on the charging station, a message is displayed as follows:



If there is no error on the charging station, a messge is displayed as follows:



Cable State is the current capability of the cable connected to the charging point (max ampere value).

The following table describes all possible values:

Value
Not_Plugged
13 A
20 A
32 A
63 A_OR_70 A

EV State refers to the communication state between the charging point and the electrical vehicle according to IEC 61851standard.

The following table describes all possible values:

Value	Vehicle connected	Switch S2	Charge possible	Va(1)	
A_Not_Present_12V	No	Open	No	12 V(4)	Vb = 0 V
B_Present_9V	Yes	Open	No	9 V(2)	–
B_Present_Asked_9V_M12V					Modulation 12 V
C_Ready_6V	Yes	Closed	Vehicle ready	6 V(3)	–
C_Ready_6V_M12V					Modulation 12 V
D_Ready_VR_3V				3 V(3)	R3 = 270 Ω ±3 % Charging area ventilation not required
D_Ready_VR_3V_M12V					–
E_ShortCut	Yes	Open	No	0 V	Vb = 0: EVSE, utility problem or utility power not available, pilot short to earth
F_NotAvailable	Yes	Open	No	-12 V	EVSE not available

(1) All voltages are measured after stabilization period, tolerance ±1 V.
(2) The EVSE generator may apply a steady state DC voltage or a ±12 V square wave during this period. The duty cycle indicates the available current.
(3) The voltage measured is a function of the value of R3.
(4) 12 V static voltage.

EVSE Status describes the state of the EVSE module.

The following table describes all possible values:

Value	Descripton
Simplified_Mode_3 or **Normal_Mode_3**	–
Ventilation required	The EV requires an external ventilation to extract gas or reduce temperature
Cluster_Mode	The Charging station is part of cluster
Single-Phase or Three-Phase	–
Domestic cable detected	–
VIP badge mode	–
Unavailable_OCPP_Cmd_Received	The charging station is unavailable due to an OCCP command.
not_Enough_Energy_To_Start_Charge	The energy available is not enough to start the charge.
Charge_Postpone	The charging session is postponed by a Modbus command
Maintenance_Plc_Cmd_Received	The maintenance mode has been enabled by a Modbus command
Booked_Plc_Cmd_Received	The reservation has been enabled by a Modbus command
Suspend_Plc_Cmd_Received	The charging session is suspended by a Modbus command
Unavailable_Plc_Cmd_Received	The charging station is unavailable due to a Modbus command.

Outlet Status is dedicated to Schneider Electric Experts.

The following table describes all possible values:

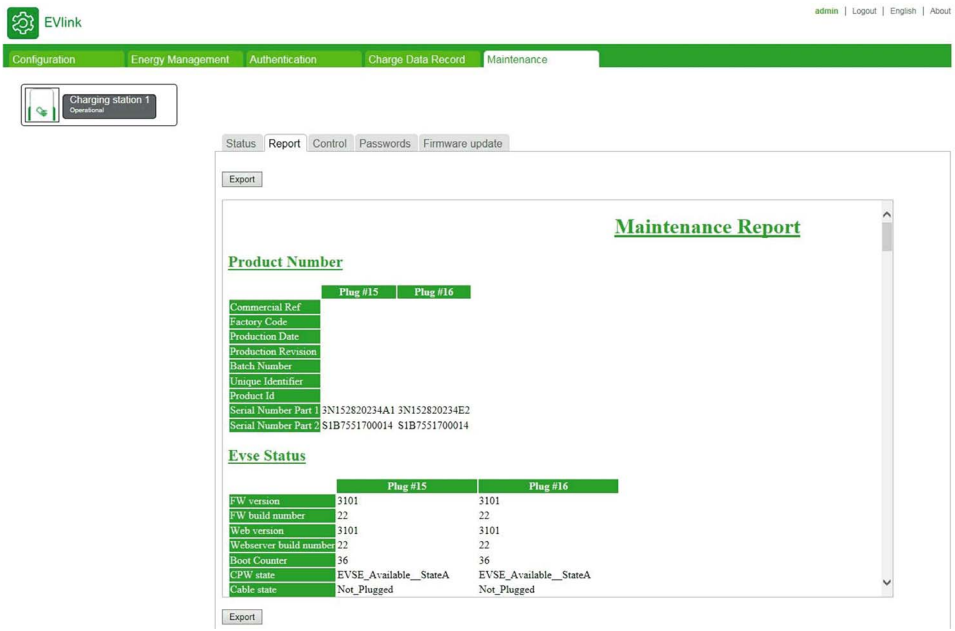
Value
OK_ChargeAuthorisationStarted
OK_ChargeAuthorisationDone
OK_ChargeContractStarted
OK_ChargeContractDone
OK_PlugProcedureStarted
OK_PlugProcedureDone
OK_ChargeLoopStarted
OK_ChargeLoopEnded
OK_UnplugProcedureStarted
OK_UnplugProcedureDone
OK_MaintenanceCity
OK_InitDone
OK_Unavailable
Not_Initialized

OutletStatusLastError provides information about the last error (even if error is not active)

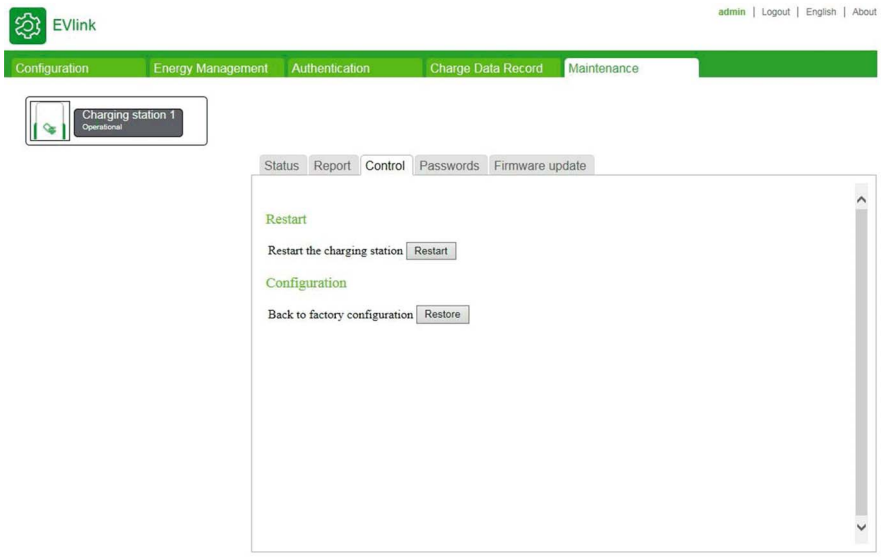
Value	Description
ChargeAuthorisation error	
KO_BadgeUnknown	RFID badge not authorized (local or supervised)
KO_BadgeIsNotTheBooker	RFID badge not authorized according to current reservation
Plug error	
KO_PlugOrShutterAbnormallyLocked	Lock mechanism is in an abnormal final state
KO_ShutterNotOpened	Link with **Outlet Status** state OK_PlugProcedureStarted: Shutter not opened
KO_PlugNotDetected	Link with **Outlet Status** state OK_PlugProcedureStarted: Cable not detected
KO_EvNotDetected	Link with **Outlet Status** state OK_PlugProcedureStarted: Car not detected
KO_PlugOrShutterAbnormallyNotLocked	Link with **Outlet Status** state OK_PlugProcedureStarted: Unlock Mechanism not working
KO_PlugProcedureError	Link with **Outlet Status** state OK_PlugProcedureStarted: Other errors
Charge error	
KO_BadgeIsNotTheCurrentUser	Current badge is not the one which has opened the session
KO_UnlockPlugInCharge	Plug unlocked during charge
KO_OnStreetOpenShutterInCharge	City only: Shutter is opened during the charge
Unplug error	
KO_ShutterNotClosed	Shutter is not closed at the end of charging session
KO_PlugStillDetected	Cable is not removed at the end of charging session
KO_EVStillDetected	Electric vehicle is still detected after end of charge request
KO_UnplugProcedureError	Other errors

Report sub-tab

This sub-tab displays the maintenance report which describes the status of the charging station. The user can export this report as an HTML file (**Export** button).



Control sub-tab



The **Restart** button restarts the charging station after a change to a parameter for example.

The **Restore** button restores the factory settings of the charging station parameters.

Only RFID badges are kept. All other data, as CDR, are lost.

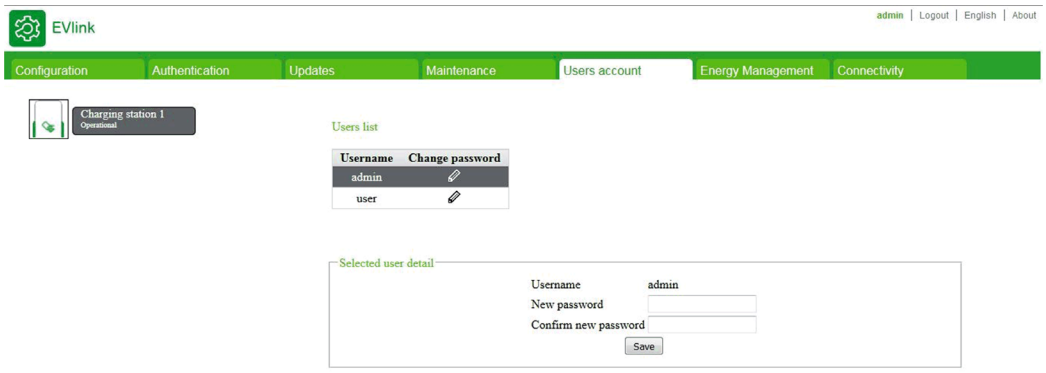
The button is accessible to the administrator only.

NOTE: During a Back to factory settings the current software version is kept.

Password sub-tab

Purpose of the password tab

- Modifying the password of the selected account.



Action buttons in the list of users

Account	Button	Access rights		Action
		Admin	User	
User		R/W	N	Click the button to select the **User** account as the account to modify.
Admin		R/W	N	Click the button to select the **Admin** account as the account to modify.

Modifying the password of the selected account

Setting	Access rights		Description
	Admin	User	
New password	R/W	R/W	Click in the field and enter the new password (hidden characters).
Confirm new password	R/W	R/W	Click in the field and re-enter the new password to confirm it (hidden characters). Click **Save** to validate the password change.

Protecting access to charging station parameters and data

NOTICE

Risk of incorrect parameter setting of the charging station and data violation

- When the charging station is commissioned, replace the default password with a password containing at least eight characters including upper-case, lower-case, numbers and special characters.
- Ensure that only authorized personnel know the password.

Failure to follow these instructions can result in equipment damage or incorrect operation.

In the event of loss of password

In the event that the password of the **User** account is lost, only the administrator can create a new one.

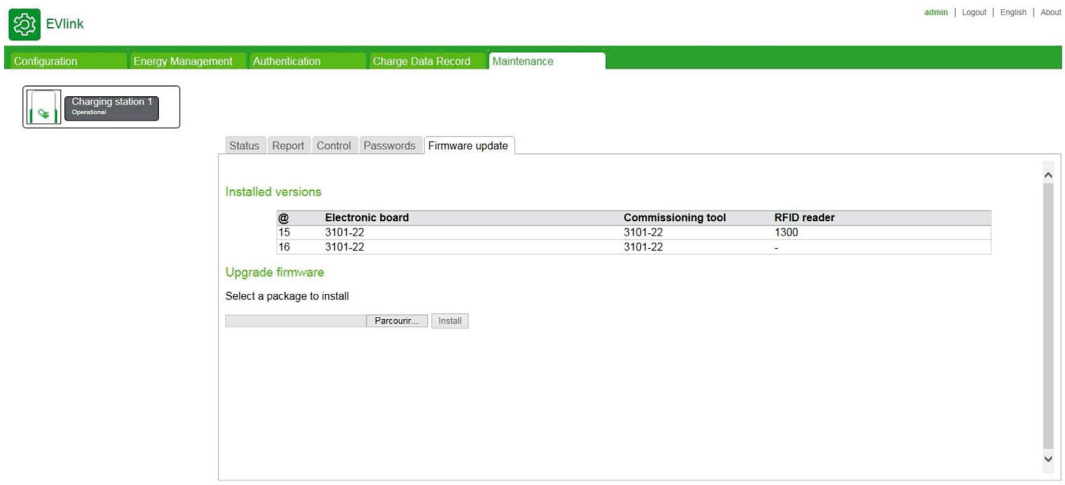
If the password of the **Admin** account is lost, it is not possible to retrieve it or to create a new temporary password. The charging station must be restored to the factory settings using a manual procedure that does not require the use of the commissioning tool. Refer to document DOCA0017 or contact your Schneider Electric Customer Care to obtain this procedure for your charging station model.

Caution: A restore to factory settings automatically erases all data contained in the charging station (Only RFID badges are kept).

Firmware Update sub-tab

Purpose of the Updates sub-tab

- Display the software version of the electronic board and the commissioning tool of each charge point. Each charge point is identified by the last byte in its IP address.
- Display the version of the RFID reader software when applicable.
- Upgrade the software.



Parameter list

Setting	Access rights		Description
	Admin	User	
Socket-outlet	R	N	Designation of the charge point. This is the last byte in the IP address of the electronic board of the charge point.
Electronic board	R	N	Software version of the electronic board of the charge point.
Commissioning tool	R	N	Software version of the commissioning tool of the charging station.
RFID reader	R	N	Software version of the RFID reader.

Downloading a software update

Updates are available for download from the Schneider Electric Web site with by searching “EVlink software”. They are in a compressed file in .zip format. The content and the update procedure are described in a release note added to the compressed file that should be read before proceeding with the update.

End of document.

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