

# Offline WiFi Configuration

## 1: Overview

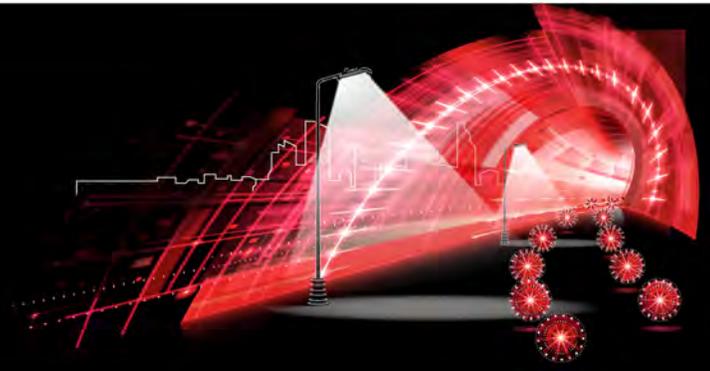
EVSE CONFIGURATION is an offline configuration web function for electric AC charging stations. The user only needs a device (smartphone, tablet, or computer) with WiFi connection to perform some basic configurations on the charging station while it is offline.

## 2: Basic information

### 2.1 Equipment requirements

mobile	backing	computer terminal	backing
UC Browser	NO	Internet Explorer	NO
QQ Browser	Y	Microsoft Edge	Y
Baidu's browser	Y	Chrome	Y
Chrome	Y		

Y: Tested to work NO: Tested not to work



## 2.2: AP hotspot parameters

*Security:* Open

*AP Time:* After the charging post is powered up and not accessed, the charging post will automatically turn off that AP after 2 minutes and 30 seconds, if during the 2 minutes and 30 seconds access to that AP, the shutdown time will be extended to 10 minutes after the last access.

*Number of connections:* 2

## 3: Usage

### 3.1: Establishment of connections

To access the EVSE CONFIGURATION you need to connect to the AP hotspot created by the charging pile via smartphone or computer. Currently the AP created by the charging pile is an open network, the user does not need to enter a password and can connect directly, and only one device may be connected at a time. The default name of the AP consists of EVSE- and the last 8 digits of the pile number as shown in Figure 3.1.1 below.

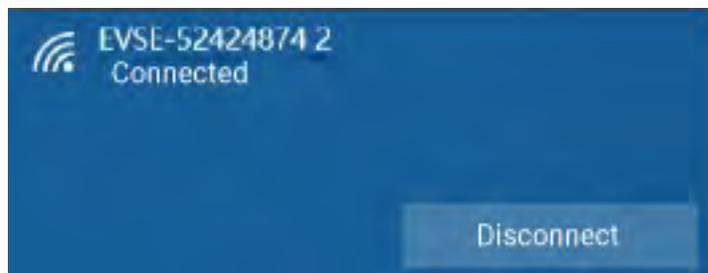
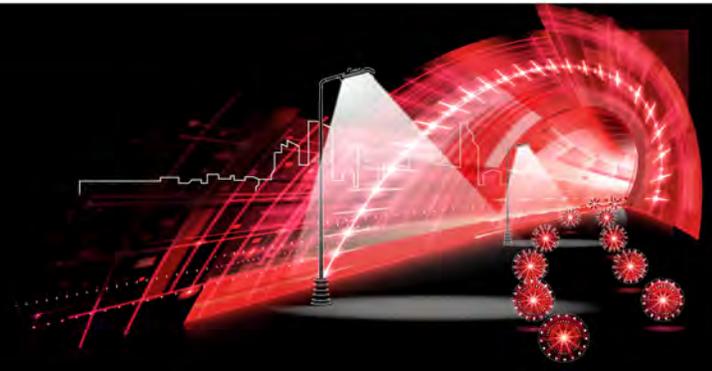


Figure 3.1.1.



## 3.2: Accessing device addresses

When the device is connected to the AP network after step 3.1 is completed, the charging station can be accessed through a computer or mobile phone browser at 192.168.4.1.

The charging station will send the EVSE CONFIGURATION page to the visitor's browser as shown in Figure 3.2.2. If the EVSE CONFIGURATION page does not appear, check if steps 3.1 to 3.2 are not completed correctly. Complete, if the above steps are okay. Then repeat step 3.2 with interval better than 10S.

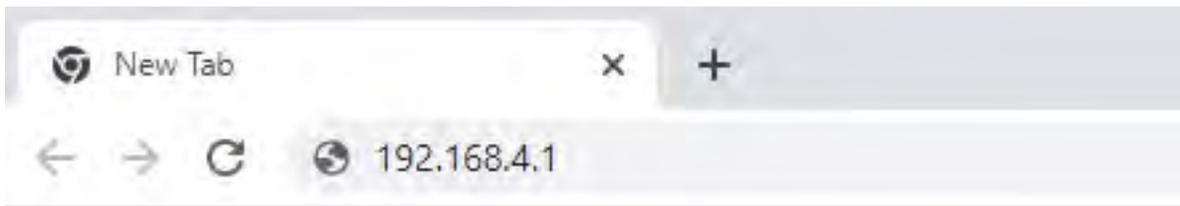


figure 3.2.1

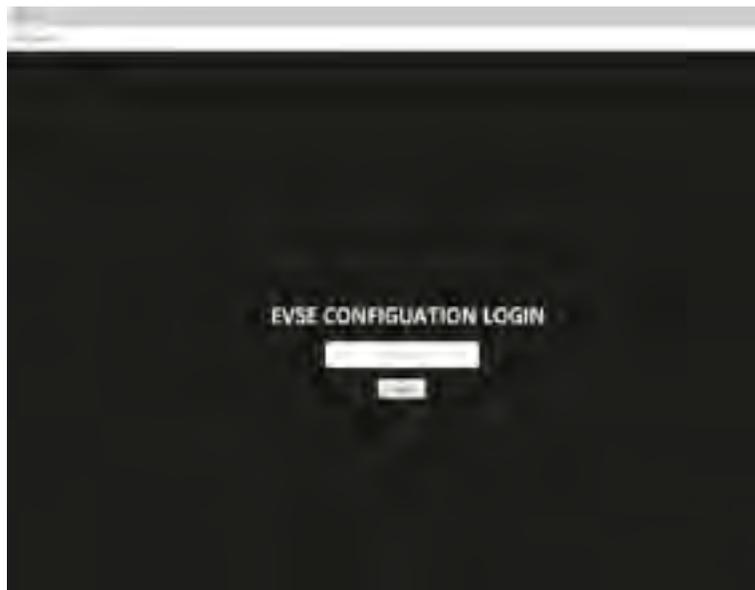
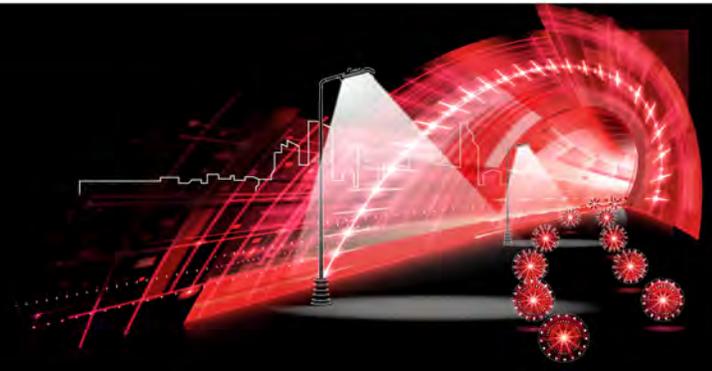


figure 3.2.2



## 3.3: Logging into EVSE CONFIGURATION

When the access is successful, the EVSE DONFIGUATION LOGIN page will appear This page is the user login page, the user needs to enter the correct password, if the password has not been modified, you can use the default password: 12345678 to log in the device. Click the Login button, the button turns gray and is currently in the password verification state. If the password verification result is wrong, the pop-up box will be used to remind the user, as shown in Figure 3.3.1 below. If the password verification is successful, the interface will automatically jump to the parameter configuration page, as shown in Figure 3.3.2 below.

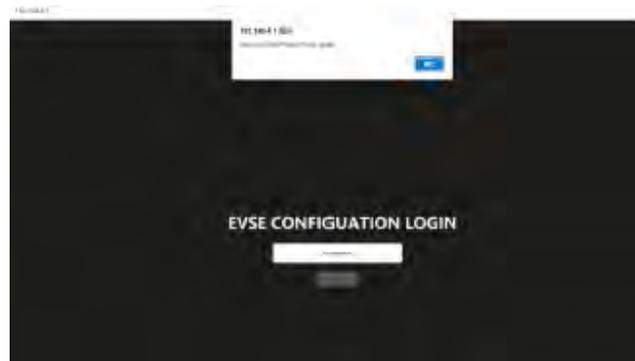


Figure 3.3.1 Password authentication failure

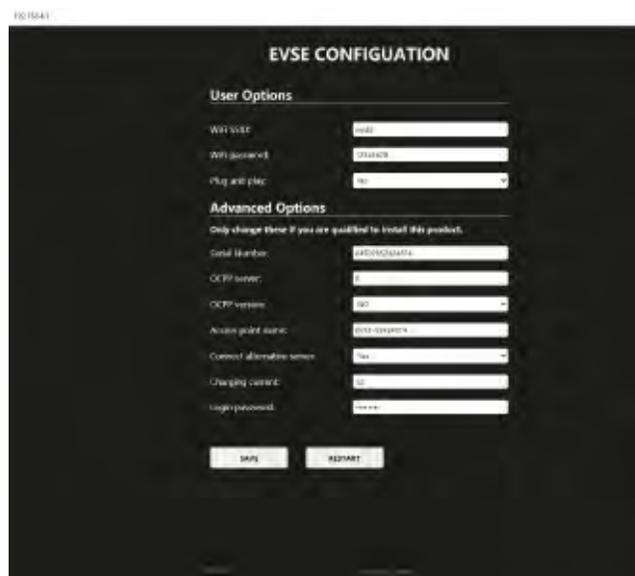
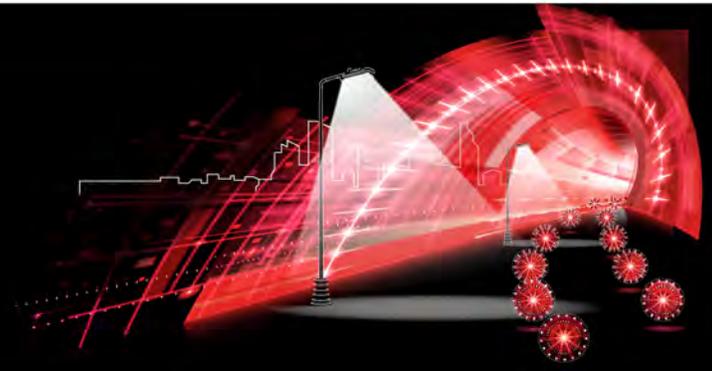


Figure 3.3.2 Password verification success screen

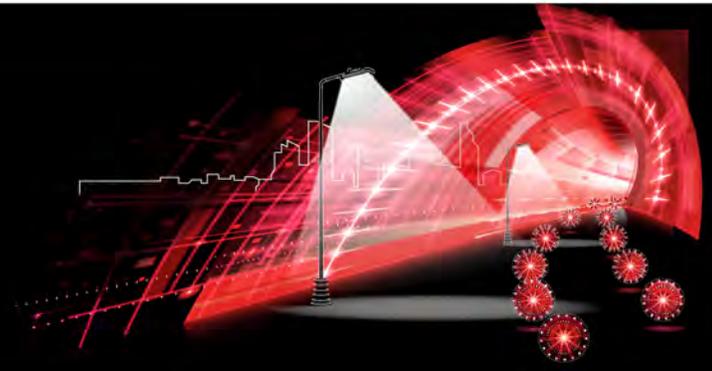


## 3.4: Configuration parameters

When the password is successfully verified, it will enter the configuration page, and the following table shows the specific meaning of each option and its restrictions.

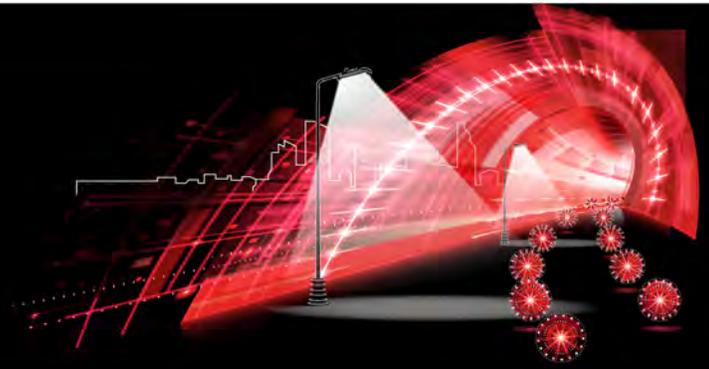
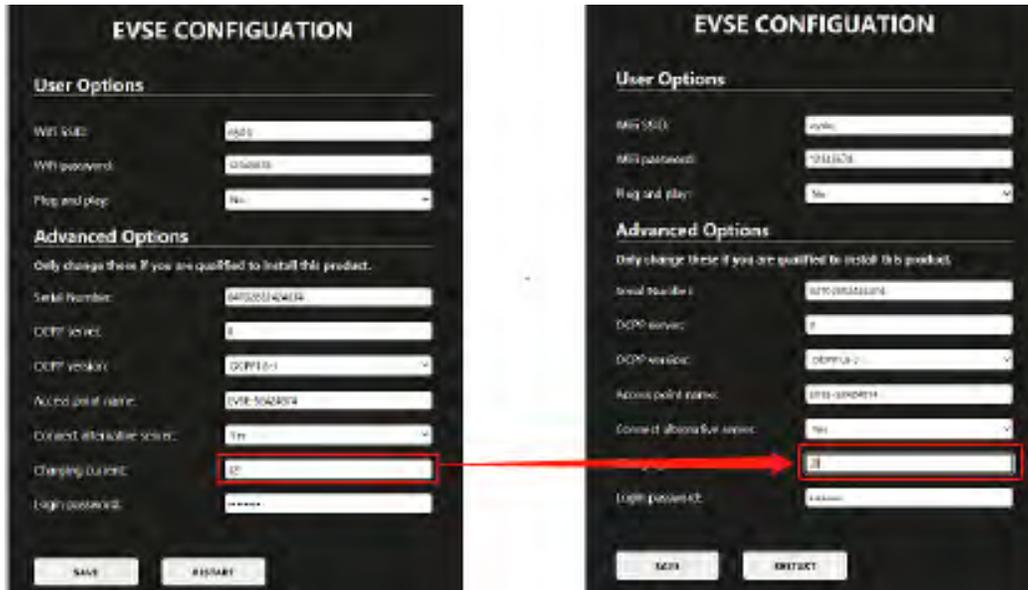
User Options				
Parameters (Options)	connotation	default	format	constrain
WiFi SSID	WiFi Connection Name	wydq	Any ASCII string	max 30 characters
WiFi Password	WiFi password for charging device connection	12345678	Any ASCII string	max 30 characters
Plug and Play	Charging mode	NO (plug-and-charge)	NO/YES	N/A

When any parameter above or below has changed, click the SAVE button, and the charging station will save the data displayed above the button to the charging station. After the SAVE is successful it will update the parameters and show the display list again, and you can see whether the modification was successful. For example; the process of modifying charging current parameter is as in Figure 3.4.1 below, modify the parameter from rated value 32A to 28A and submit it, the result is updated as Figure 3.4.2 below, the result means the parameter is valid and has been saved. Now if you modify 28A to 50A (which is not allowed), and click SAVE, the data will not update to 50A, and the result will still display 28A, indicating that the data setting is invalid, as shown in Figure 3.4.3 below.



## Advanced Options

Serial Number	Charging Post Number	14-digit composition	Any ASCII string	max 30 characters
OCPP Server	User OCPP server URL	0	Any ASCII string	max 64 characters
OCPP Version	Good choice of OCPP protocol versions	NO	NO: Not using OCPP OCPP1.6-J OCPP1.6-TP OCPP1.6-TX	N/A
Access Point Name	Charging Station AP Hotspot Name	EVSE-xxxxxxx plus the last 8 digits of the stake number	Any ASCII string	max 30 characters
Connect Alternative Server	Whether to connect to the Azure back office	YES	NO: No connection to the Azure backend is allowed YES: Allow connection to Azure backend	N/A
Charging Current	Charging current limit	Nameplate Parameters	Must not exceed the nameplate rating	N/A
Login Password	Offline Web Login Password	12345678	Any ASCII string	max 30 characters

**EVSE CONFIGURATION**

**User Options**

Wifi SSID:

Wifi password:

Plug and play:

**Advanced Options**

Serial Number:

OCPP server:

OCPP vendor:

Access point name:

Connect alternative server:

Charging current:

**SAVE** **RESTART**

**EVSE CONFIGURATION**

**User Options**

Wifi SSID:

Wifi password:

Plug and play:

**Advanced Options**

Serial Number:

OCPP server:

OCPP vendor:

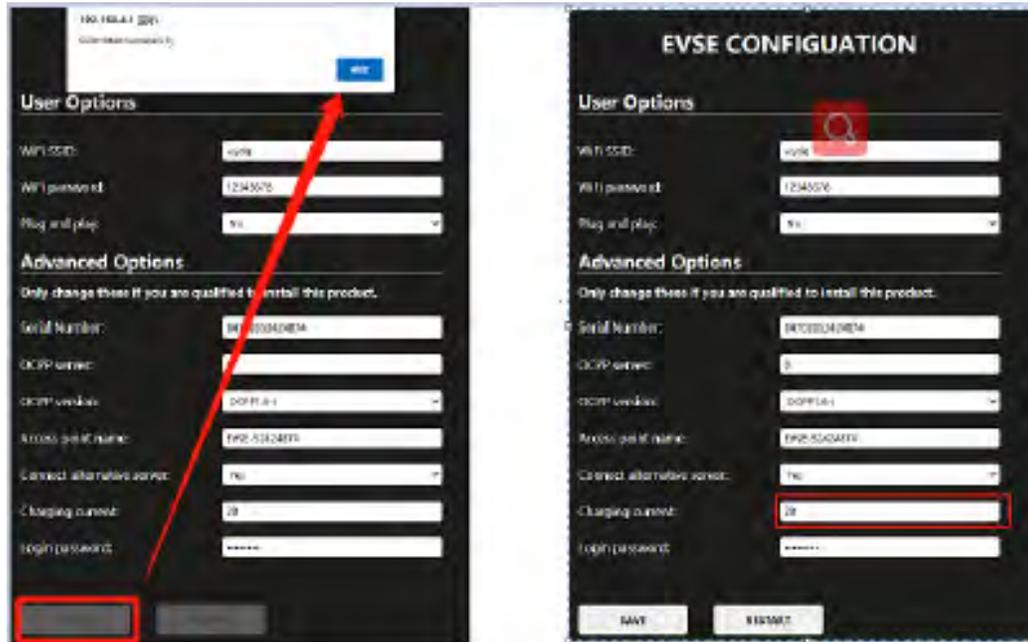
Access point name:

Connect alternative server:

Charging current:

**SAVE** **RESTART**

Figure 3.4.1 Modifying the current to 28A



**EVSE CONFIGURATION**

**User Options**

Wifi SSID:

Wifi password:

Plug and play:

**Advanced Options**

Serial Number:

OCPP server:

OCPP vendor:

Access point name:

Connect alternative server:

Charging current:

login password:

**SAVE** **RESTART**

**EVSE CONFIGURATION**

**User Options**

Wifi SSID:

Wifi password:

Plug and play:

**Advanced Options**

Serial Number:

OCPP server:

OCPP vendor:

Access point name:

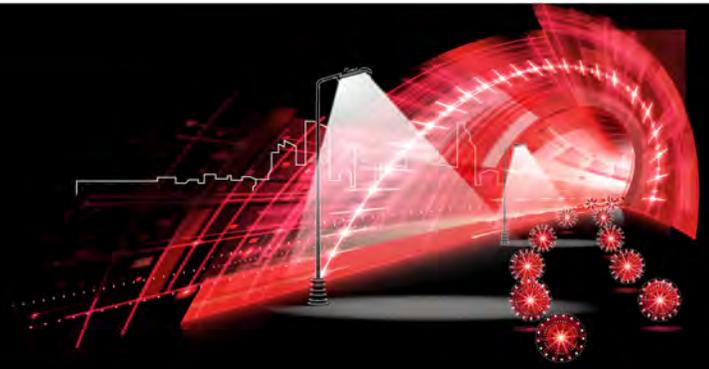
Connect alternative server:

Charging current:

login password:

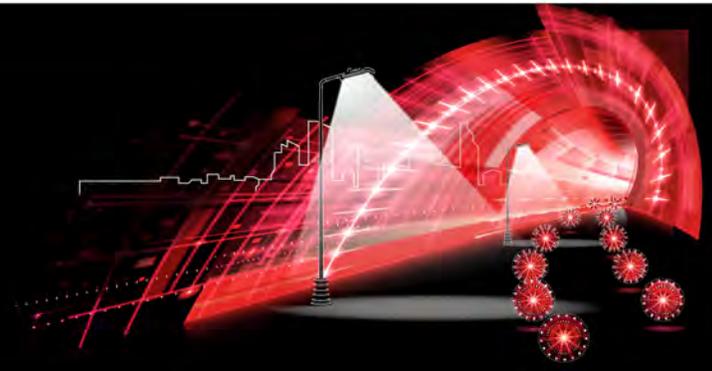
**SAVE** **RESTART**

Figure 3.4.2 Data automatically updated to 28A after successful submission



The image displays two screenshots of a web-based EVSE configuration interface. The left screenshot shows the 'User Options' section with fields for 'WiFi SSID', 'WiFi password', and 'Plug and play'. Below this is the 'Advanced Options' section with fields for 'Serial Number', 'CCPI serial', 'CCPI version', 'Access point name', 'Connect via USB cable', 'Charging current', and 'Login password'. A red arrow points from the 'Submit' button in the top right to the 'Charging current' field. The right screenshot shows the same form with the 'Charging current' field highlighted in red and the value '50' entered. The 'Submit' button is also highlighted in red.

Figure 3.4.3 Modify the current to 50A and submit



## 3.5: Restarting the Charging Post

The RESTART button is shown in Figure 3.5.1, the function of this button is to reboot the charging station in a non-charging state to put the data changed above into effect, the following table (Table 3.5.1) shows which data changes require a reboot to take effect and which data changes do not require a reboot to take effect or for how long.

**EVSE CONFIGURATION**

**User Options**

WiFi SSID: myda

WiFi password: 12345678

Plug and play: No

**Advanced Options**

Only change these if you are qualified to install this product.

Serial Number: 047032052474674

OCPP serial: 0

OCPP version: OCPP1.6-1

Access point name: EVSE-52424074

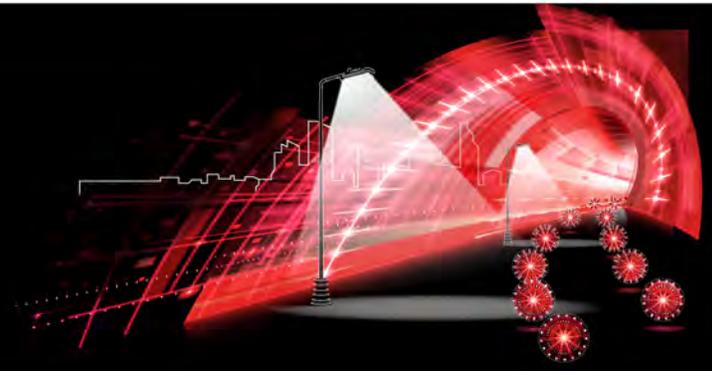
Connect alternative server: Yes

Charging current: 28

Login password: \*\*\*\*\*

SAVE RESTART

Figure 3.5.1

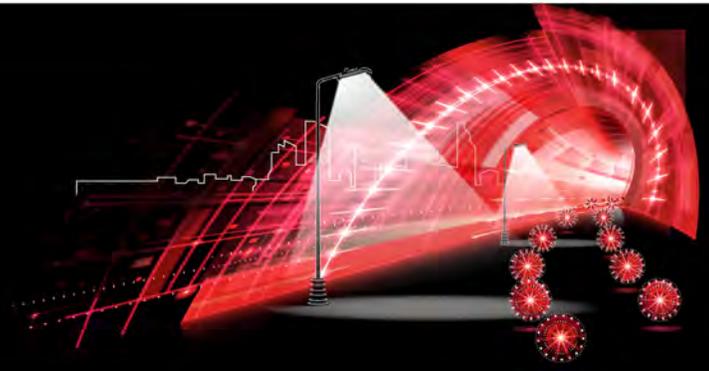


## User Options (user parameters)

User Options (user parameters)	
Parameters	Start date
WIFI SSID	Restart Station
WIFI password	Restart Station
Plug and play	If charging, effective at next charging time, or effective immediately if not currently set in charging state

## Advanced Options

Advanced Options	
Serial Number	Effective immediately
OCPP Server	Restart Station
OCPP Version	Restart Station
Access Point Name	Restart Station
Connect Alternative Server	Restart Station
Charging Current	Set in charging state: next charge takes effect Non-charging setting: Effective immediately
Login Password	Effective immediately



## 4: Frequently Asked Questions

### 4.1: Access to 192.168.4.1 is denied

Check if the smart device is connected to the AP hotspot of the charging station, if it is properly connected please wait for one minute and try to access it again or restart the charging station.

### 4.2: Unable to connect to this AP hotspot.

The AP allows up to two smart devices to access it at the same time, check if it is connected by another device, or change devices and try again.

### 4.3: Login, SAVE, or RESTART failed

After clicking Login, SAVE, or RESTART button the station does not react or continue, or the button stays greyed out and cannot be clicked, either wait two minutes and try again to re-access the 192.168.4.1 ip address, or restart the charging station.