

Please read and follow the safety instructions for the installation and commissioning of the charging station in the supplied manuals prior to installation and commissioning. Failure to observe the safety instructions can result in risk of death, injury or damage to the device! The device manufacturer assumes no liability for resulting claims!

WARNING!
Danger due to electric shock and fire hazard!

- Installation, commissioning, maintenance or retrofitting of the charging station must be performed by correctly trained, qualified, and authorized electricians who are fully responsible for compliance with existing standards and installation regulations.
- At the right-hand side of the connector location there is an Ethernet connector and terminals for enabling input and switch contact output. Only connect extra-low voltages to inputs X1-X4, which have a safe separation from dangerous voltages. Connecting higher voltages than those specified in the full installation guide is dangerous and might cause an electric shock or a fire hazard. Refer to the full installation guide for specific voltage requirements.

To see the latest Interactive Installation Guide, use SetApp to scan the QR code on your EV Charger

Power Supply

Selecting the RCD / Fault Current Circuit Breaker

- Each charging station must be connected via a separate RCD.
- No other consumer loads may be connected to a charging station RCD.
- An RCD of at least Type A must be used since all variants have internal DC fault current monitoring ≥ 6 mA.

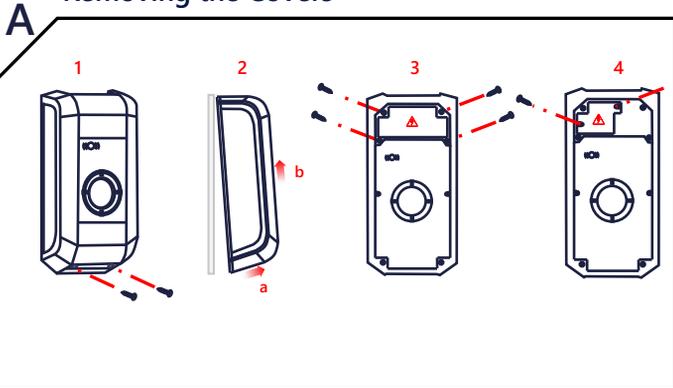
Selecting the Line Circuit Breaker

The circuit breaker nominal current must be determined in accordance with its type plate data together with the desired charging power (DIP switch settings for charging current specification) and the supply line.

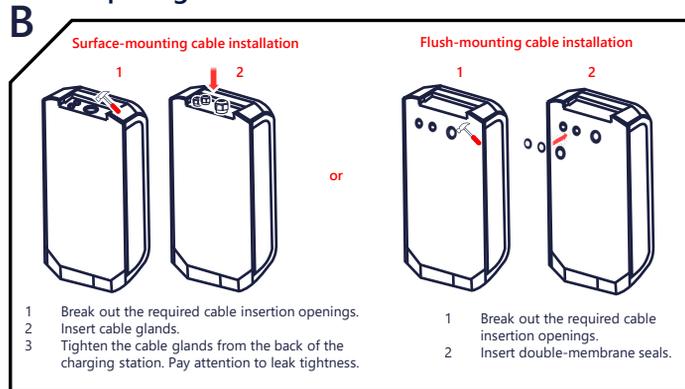
$$I_{\text{DIP switch}} \leq I_{\text{circuit breaker}} \leq I_{\text{supply line}} \leq I_{\text{nominal current}}$$

The power supply (supply line) must be hardwired to an existing domestic installation and comply with the applicable national regulations.

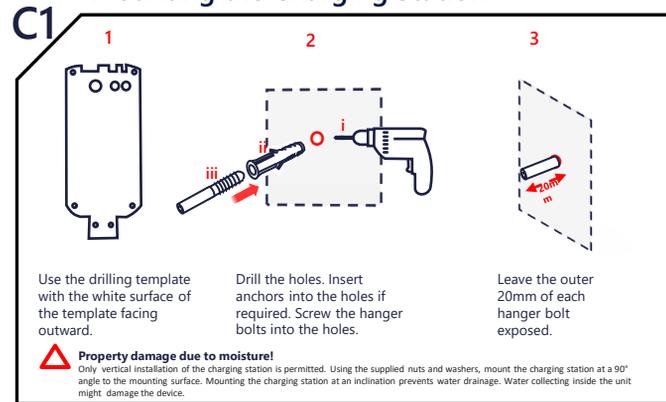
Removing the Covers



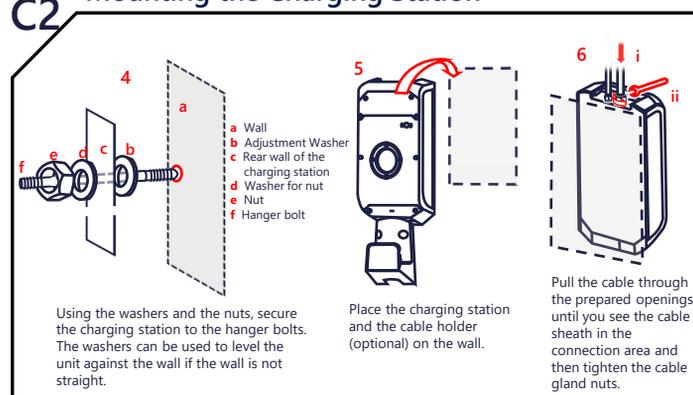
Preparing for Cable Insertion



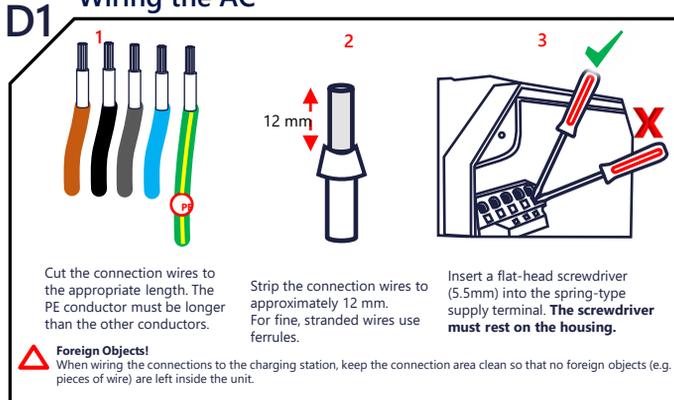
Mounting the Charging Station



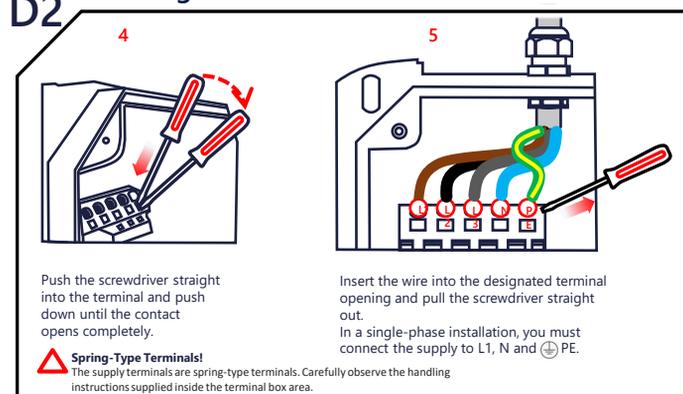
Mounting the Charging Station



Wiring the AC



Wiring the AC



Communication Wiring

E

Ethernet

Crimp the connector and insert it into the designated X3 port.

LSA+

Pull the cable through the gland and insert it into the designated X4 port.

For LSA+ follow the wire color connection instructions in the installation manual **Chapter 7.6**.

⚠ Skip this step if you're using a Wi-Fi connection. Refer to Step J for Wi-Fi configuration

DIP Switch Settings

F

Maximum charging current settings

| | |
|-----|---------|
| 10A | 6 - OFF |
| | 7 - OFF |
| | 8 - OFF |
| 13A | 6 - ON |
| | 7 - OFF |
| | 8 - OFF |
| 16A | 6 - OFF |
| | 7 - ON |
| | 8 - ON |
| 20A | 6 - ON |
| | 7 - ON |
| | 8 - OFF |
| 25A | 6 - OFF |
| | 7 - OFF |
| | 8 - ON |
| 32A | 6 - ON |
| | 7 - ON |
| | 8 - ON |

The charging station default setting is 16A. Changes to the DIP switch settings become effective after a restart. To restart, press the **Service Button** until you hear the first "Beep" after approximately 1 second.

⚠ Check that DSW1.3 is ON. For maximum charging current settings, adjust only DSW1.6-DSW1.8.

Setup

G

1

AC ON

2

out of service

3

10 min

NOTE: The LED light turns blue when Authentication is turned on.

4

ON

NOTE Upon initial internet connection, firmware updates may automatically install. Follow the process using SetApp.

Commissioning Mode

H

1

DSW2.8 ON

Press ii

Beep iii

2

3

DSW2.8 OFF

Press ii

Beep iii

i. Set DSW2.8 to **ON**.
ii. Press the service button. You will hear a "Beep" sound, and the contactor is turned on for approximately 10 minutes.

Perform the required commissioning tests at the charger contact points of the charger gun or the socket.

i. Set DSW2.8 to **OFF**.
ii. Press the service button. You will hear a "Beep" sound.

Replacing the Covers

I

1

Seal

2

Seal

3

a

b

4

For the charging station to operate correctly, all covers must be installed with screws firmly tightened. Use the seals if necessary.

Wi-Fi Configuration (Optional)

J

- Connect your phone to the EV Charger Wi-Fi access point.
 - Search for the access point name (Default SSID)
 - Join the network using the password (Default Hotspot Password)
- Open a browser and enter the **WLAN Hotspot** IP address.
- Insert the **WebUI default username and password**.
- Change the password. The password must contain ten characters including one uppercase letter, one lowercase letter, and one number.
- Press **Configuration > Network Connection**.
- Change **WLAN/Wi-Fi** from **Off** to **On**.
- Select **Refresh** to search for available networks.
- Select the same network that the inverter connects to. Alternatively type in the network SSID.
- Enter the network password and select **Apply**.

The EV Charger restarts and connects to the Wi-Fi network. This may take up to 10 minutes.

| Wallbox Configuration Information | |
|-----------------------------------|----------------------|
| Ethernet MAC: | 00:60:85:46:E6:32 |
| WLAN Hotspot | 192.168.2.1 |
| Default SSID | 23314353 |
| Default Hotspot Password | xxxxxxxxxxxx |
| WebUI default username | admin |
| WebUI default password | 23314353 |
| Recovery Key | xxxxxxxxxxxxxxxxxxxx |

Pairing and Verification

K

To pair the inverter, go to **SetApp > Commissioning > Device Manager**, and follow the on-screen instructions. When paired, the EV Charger automatically registers in the **Monitoring** platform.

For RFID configuration, instruct the homeowner to use the mySolarEdge app to authorize and manage cards at the **EV Charger** page.

[Datasheet](#)

[Full Installation Guide](#)

