The charger must be installed following the respective installation manual, that is delivered with the charger.

Only energy meters that are delivered by Wallbox are compatible with this feature.

Only qualified persons are allowed to perform the installation as it is described in this document.

Before the installation of Power Boost, the Wallbox must be powered off and its cover removed. After, the Wallbox must be properly closed, as defined in its installation manual.

2. Required Material and Tools

Provided by Wallbox:
- Wallbox Commander or Wallbox Copper
- Energy Meter

Additionally Required:
- Cable for RS485 communication (we recommend an Ethernet Class 5E shielded, 2 pair. The length depends on the customer-setup, while a maximum of 1000 m can be installed).
- Philips and Torx Screwdriver
- Cable pliers and stripping tools

3. Location of the Energy Meter

As shown in Fig. 1, the meter must be located after the utility meter and mains switch and before the separation to the house loads.

Install the energy meter to the mains according to its installation manual.

4. Cabling of the Energy Meter

The charger communicates with the energy meter through a cabling system that consists of three wires.

The installation manual of the delivered energy meter describes where to connect the cabling. Examples are shown in Fig. 2. Please mind the required short-circuit between the pins T and A- of the energy meter.

Fig. 3 and Fig. 4 show where to connect the cabling to the Wallbox. Depending on the model, the Wallbox may label RS485A for D+ and RS485B for D-.
7. Configuration

You can configure Power Boost via the Wallbox App. Log-in to the Wallbox App, approach the charger, wait until the Bluetooth is synchronized. Then select “Power Boost” inside the settings menu for configuring the parameter as described in Chapter 6.

8. Status Visualization

The following icons are visualized on the chargers screen, once the energy meter has been detected.

- Energy meter detected but not configured. Follow the chapter 7 of this manual.
- Power Boost is configured but not limiting the charging power.
- Power Boost is limiting the charging current. The current available for charging the car is lower than the maximum power set by the user.
- In queue by Power Boost. The available power is not enough for charging the EV (lower than 6 A).
- Error in the communication with the energy meter.

5. Software Version and License Key

The chargers support Power Boost from software version 3.4.0 (Copper) and 2.6.0 (Commander) onwards. If your software is lower, please update the charger.

In order to activate Power Boost, you need to insert the license key that you have received with your charger in your myWallbox portal. For this, login to your myWallbox-account and go to your personal settings.

6. Definition of “maximum current at mains”

Max. Current Mains: this value is the rated current of the main circuit breaker (MCB) of your electrical installation. This value determines the maximum current your installation can withstand. This value can usually be found marked on the MCB enclosure. For example, a MCB with rated current of 20 A will usually have the text “C20” or “20A” marked on it.

Warning: contact your installer in case of doubt about the rated current of the MCB installed in your property. Only values of Max. Current Mains greater than 6 A are accepted for a correct performance of Power Boost.