DOKTORVOLT®

Wallbox
BASIC

EN
DE
PL

WALLBOX charger for EV

DV-9109-EV

- **The charger should be disconnected from the power source before installation, configuration or cleaning!**
- **Installation should only be performed by a qualified installer in accordance with local electrical regulations!**

0. Preparation

Before starting, always ensure that the device is shut down.

1. Open the housing

Remove the 6 screws holding the top of the housing to the base.
Gently open the case.

2. Wall mounting

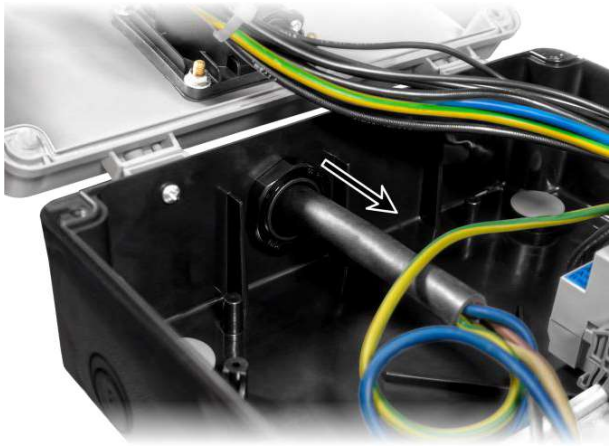
Refer to the attachment included to the manual

3. Power supply

3.a

The Wallbox charging station does not have its own electrical protection devices. The supply cable to the charger must be protected by an overcurrent circuit breaker and a residual current circuit breaker (at least type A with a tripping current of 30 mA) and miniature circuit breaker. No other circuits may be connected to the same protection devices
The device incorporates additional means of protection against DC residual current (>6 mA DC). In addition, follow the vehicle manufacturer's recommendations.
The residual current device and the overcurrent protections should be selected according to the controller's charging current setting

Put the power cord (cross section: min. 5x4mm2) through the installed cable gland on the bottom of the enclosure. This cross section is required because the charging current can be set at the controller: 10A, 16A, 20A, 25A 32A, which corresponds to a power range of 7 to a maximum of 22 kW.



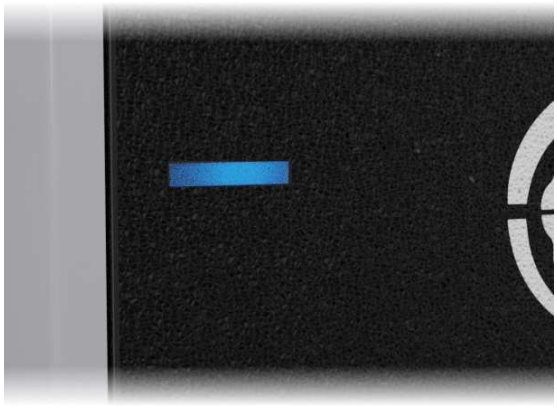
Insulate the end of the cable and crimp the individual conductors with sleeve lugs with a diameter that matches the conductor diameter. Connect all wires to the individual terminals located on the TH35 mounting rail:
- Phase wires (brown, black, gray) to the connectors marked with numbers 1, 2 and 3.
- The neutral conductor (blue) to the terminal marked with the letter N (of the same color).
- The protective conductor (yellow-green) to the terminal marked with the letters PE (in the same color).

4. Switch the charger on

Close the enclosure and tighten the screws.

Click the ON/OFF button

The LED signal on the inspection window lights up- the charger is turned on.



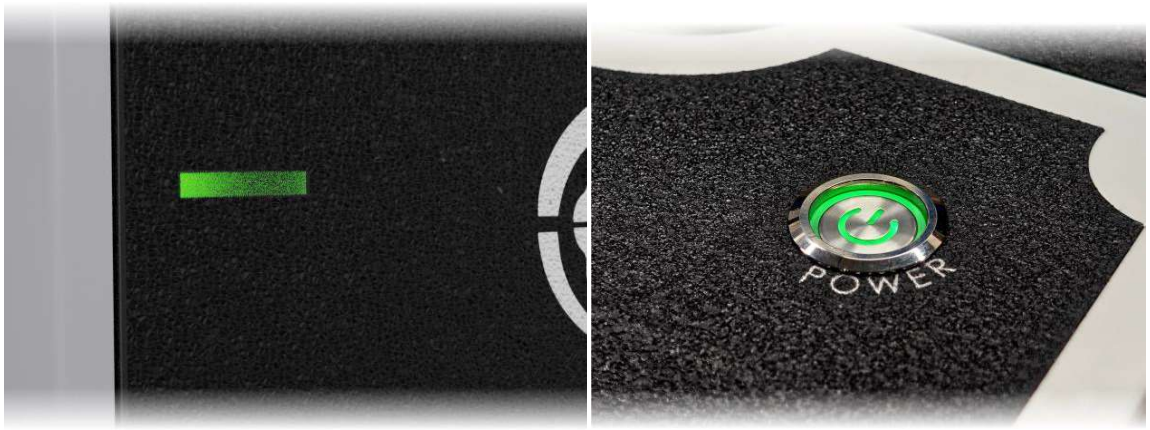
LED signaling on the inspection window: blue color indicates that the charge is ready for charging.

5. Connect the car

Connect your car with the appropriate cable with plug (TYPE2) to the charger.

6. Starting the charge

Charging will start as soon as you hear the characteristic "click" (start of charging can take up to 10 s)

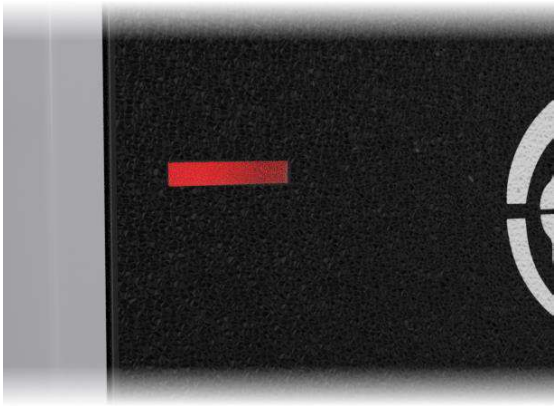


LED indication on the inspection window: green indicates that the car is charging.
The charging power can be set on the controller from 7 to 22 kW.

The Wallbox charging station is set to 10 A at the factory.
On the controller, the charging current can be changed to individual settings corresponding to the following powers:

- 10A -> 7kW
- 16A -> 11kW
- 20A -> 14kW
- 25A -> 17kW
- 32A -> 22kW

7. Error during charging



LED signaling on the inspection window: red indicates that a charging error has occurred.

Click the ON/OFF button, the LED button will turn off, you will hear a characteristic "click".
Then disconnect the cable from the car.

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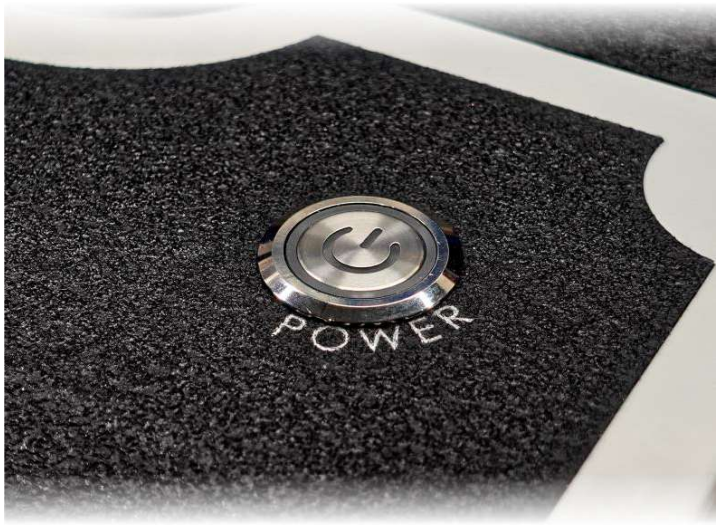
8. Turning off the charger after charging

Switching off the charger can be done by pressing the ON/OFF button ⏻.
When the car has been charged the charger will automatically switch off.
Click the ON/OFF button ⏻ - the LED button will turn off.



Remove the charging cable from the car.

FOLLOW THE SEQUENCE OF INSTRUCTIONS ABOVE, OTHERWISE THE CHARGER MAY BE DAMAGED AND PUT THE USER IN DANGER.

Before starting the charging station, a qualified electrician must check that the circuit breaker installed in the charger does not adversely affect the installation in the building
Breaking the product seal will void the product warranty. The seals are attached to components that do not need to be replaced by the user.

If these technical conditions are not fulfilled, **Doktorvolt** and its partners will not be held responsible for any resulting damage.
If the technical conditions do not meet your requirements, please contact us immediately so that we can find a solution together.
In case of defects, we are at your disposal at any time

We wish you pleasant use and look forward to your recommendation.

GENERAL INSTRUCTIONS FOR ELECTRICAL EQUIPMENT

1. If you purchase any electrical electrical equipment you should read and strictly follow the operating instructions

2. Use only fully functional electrical equipment that is properly connected to the electrical system

3. Damaged equipment should be returned for repair to an authorized person or service, which guarantees that the damage will be repaired in a manner ensuring further safe operation of the device.

4. Do not operate electrical equipment with wet hands or standing on a wet floor; in wet rooms and other rooms with increased risk of electric shock, it is unacceptable to use hand tools which are not equipped with double insulation.

5. Do not use makeshift connections, do not connect the cables by twisting the ends of the cables and leaving them in an uninsulated state,

6. Never remove covers (casings) from electrical devices that are connected to the electrical network (e.g. do not remove the back cover)

7. In rooms where small children may be unattended, sockets should be secured to prevent insertion of objects that could result in electric shock,

8. Electrical equipment should be positioned so that flammable objects cannot come into contact with it, e.g. things, paper, flammable materials. When switching electrical appliances on or off, make sure that the correct plug is inserted or removed.

9. The electrical equipment has no residual current or overcurrent protection installed. Electrical protection and installation should be specified by a qualified electrician. If these technical conditions are not fulfilled, Doktorvolt and its partners will not be held responsible for any resulting damage.

10. Any tampering with the charger's components will void the warranty.