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Stilo

Getting Started

All instructions can be found at
www.enelion.com/manuals

Scope of delivery

Station with a fixed charging cord (1 pc), RFID card and badge (2 pcs), screw bit (1 pc), distance sleeves (4 pcs), mounting pins with screws (4 pcs), fork terminals (5 pcs)

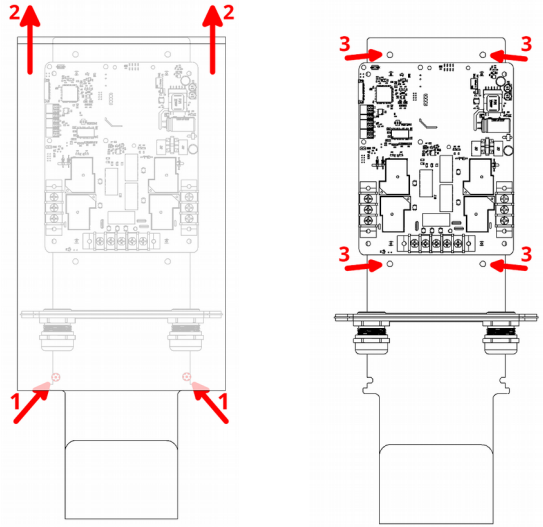
Specifications for the electrical connection

- The electrical connection to the charger should be protected by a B32 circuit breaker and a residual current device with a minimum A characteristic and a 30 mA of a triggering current.
- Ensure, that wires to power grid have proper diameter. A cable with a cross-section of 6 mm^2 is used as standard.
- The installation, commissioning and maintenance of the charging station may only be performed by properly trained, qualified and authorized electricians, who are fully responsible for the compliance with existing standards and installation regulations.
- Make sure that no power is connected during the whole mounting procedure. Do not restore power to the outlet until installation is complete. Failure to follow these instructions could result in shock or electrocution.

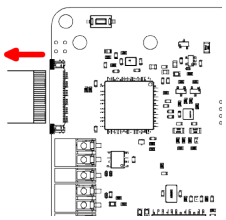
Installation

1) Mark the four holes using the supplied drilling template and a spirit level. Only a vertical installation of the charging station is permitted. Make sure that the chosen installation location will not conflict with your existing infrastructure – check if there is enough space to slide terminal back, after installation.

2) Unscrew the locking screws in the bottom, inner part of the aluminium profile using the bit provided with the charger. The locations of the screws are marked with the numbers 1 on the figure below. Remove the housing from the charger by sliding it upwards – the direction indicated by arrows with numbers 2. Move the housing until the mounting holes in the back plate (arrows with number 3) are exposed.



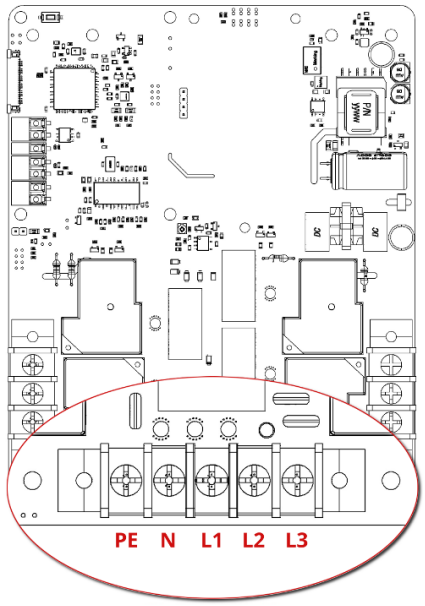
If the installation is carried out without the other person, disconnect the housing from the main board. To do this, disconnect the ribbon cable inserted in the upper left corner of the green PCB board. It should be released by pulling the black drawer towards the ribbon. Then you can slide the housing completely off the back plate.



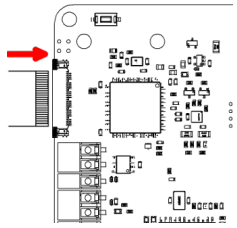
3) Screw the back plate to the wall using the distance sleeves provided with the charger.

4) After attaching the back plate, an electrical connection can be made. The power supply cable should be inserted into the device through the left gland. At the ends of the wires, tighten the attached fork terminals with a crimping tool for insulated terminals. Wires should be connected to the black terminal at the bottom of the PCB.

Incorrect connection of the power supply may lead to irreparable damage to the device.



5) After completing the electrical connection, the housing can be placed on the back plate. If the white ribbon cable has been disconnected, reconnect it. The cable is placed in the connector with the contacts facing up.



When lowering the housing, make sure that the edge of the housing does not hit the tape protruding from the connector.

6) After sliding the housing to the end, it must be secured by screwing the screws with the bit (attached to the charger) to the places from which they were removed.

7) The last step is to turn on the voltage and make sure that the charger has started – it will signal the sequence of colours (transition from white to blue) on the LED bar in the upper part of the device.

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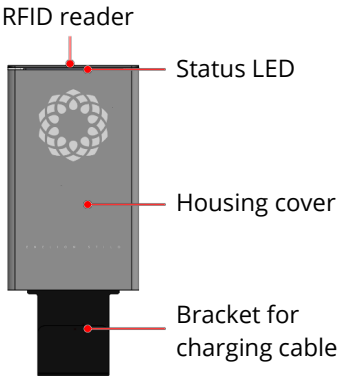
Using the charging station

Overview



Starting the charging procedure

Step 1: Make sure to turn off your EV and open your charge port lid and cap before charging.
The charging station must be ready for operation, the status LED flashes blue slowly every 3 seconds (*"Ready for operation"*).

Step 2: Plug the connector into your EV.

Step 3: If RFID authorisation is reqired, the status LED lights up blue, awaiting applying the RFID card to the top cover of the charger (*"Waiting for a card"*).

Step 4: The status LED lights up green, pulsing radially from the centre towards the edges (*"Charging"*). Check your EV to make sure you're charging (there are often indicator lights on the dashboard).

Step 5: Do your thing. Relax and go about your day.

Ending the charging procedure

The charging procedure is ended by unplugging the charging cable at the vehicle. For details, please refer to the instructions of the vehicle manufacturer.
Suspended state (e.g. when the car is fully charged) is indicated by the status LED flashes green slowly.

Step 1: Disconnect the charging cable from the vehicle (*"Suspended"*).

Step 2: Hang the charging cable on the handle under the device.

Troubleshooting

All problems or errors of the charger are displayed using the LED strip located on the top of the device and the appropriate lighting sequence. The legend:

– LED strip flashing once, in an adequate colour
– LED strip on, in an adequate colour
– LED strip off

There are three categories of faults. **Warning** does not require user intervention – the charger will resolve them itself. **Error** requires proper action from the user. **Critical error** requires service intervention.

Warnings

	W01: Problem with an EV or the cable.
	W02: Charger is overheated. Wait for cool down.
	W03: RCD current detected. Charging will be reset automatically.
	W04: Mains problem. Charging will be reset automatically.

Errors

	E01: Problem with EV. Unplug the car to restart.
	E03: RCD current detected again. Unplug the car to restart.
	E04: Mains problem. Unplug the car to restart.

Critical errors

All critical errors are presented as a combination of one long red light and a few red blinks. In any case, please contact the service.

Technical data

Eletrical data	
Mains voltage (Europe)	3x230 / 400 V_{AC}
Mains frequency	50 Hz / 60 Hz
Network configuration	TN, TT
DC residual-current monitoring (in device)	RCD A ≤ 30 mA AC (optional) RCD B ≤ 6 mA DC

Mechanical data	
Dimensions (W x H x D)	185 x 436 x 63 mm
Weight	approx. 4.85 kg
IP protection rating	IP54
Protection against mechanical impact	IK09

Ambient conditions	
Operating temperature	-20°C to +55°C
Storage temperature range	-40°C to +80°C
Permitted relative humidity	5% to 95% (non condensing)
Altitude	max. 2000 m above sea level

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