

Bee Meter Duo

User Manual





CAUTION!

- Read this document before using the charger. Failure to follow any of the instructions or warnings in this document can result in fire, electrical shock, serious injury or death.
- The charger is designed only for charging of electric vehicles that support IEC 62196-1 and IEC 61851-1. Do not use it for any other purpose or with any other vehicle or object.
- Do not use the charger if it is defective, fails to operate, appears cracked, corroded, frayed, broken or otherwise seriously damaged, or LED indicates serious internal error.
- Ensure that the charging cable of the charger is not blocking the way for pedestrians, other vehicles or objects.
- Do not leave the charger in the hands of small children or incompetent people.

Technical Specifications

Rated charging current	Max 3x32A* (22kW) per socket
Consumption in idle state	Less than 0.5W
Allowed ambient temperature	-25°C to +55°C
Degree of protection	Weather Resistant
Dimensions (HxWxD)	52 x 36 x 26 cm
Electric vehicle connector	Type 1 or 2 in accordance to IEC 62196-2 for 32A
Electric Power Supply	Single Phase or Three Phase
Constructed in accordance with	IEC 62196, IEC 61851-1, CE, EMC, RoHS
Cable length	5m*

**Max current and charging time depends on the characteristics of the electric vehicle being charged.
The EVSE can limit max current in extreme temperatures.*

Tools Required

#	Name	Remarks
1	Phillips screwdriver	Electric (Bit preferred)
2	Hex (M4) screwdriver	Electric (Bit preferred)
3	Level	
4	Stainless steel anchors X4	Size M10
5	Stainless steel bolts X4	M10 to fit the anchors
6	Drill	When the anchors are not pre-inserted.
7	32A Type B Circuit Breaker X2	
8	Type B 32A RCD X 2	
9	N2XY 5X6mm Cable X 2	Length as needed

Installation

Prerequisites

- This type of installation requires an electrical background.
- When unpacking contents of the kit, it is crucial to perform a visual check to confirm that none of the parts are damaged/broken.
- Prior to installation, make sure to disconnect the main circuit breaker (CB).
- Confirm that the charger's serial number is configured in NayaxVend under your local distributor/operator.



CAUTION!

- Make sure to always follow your local electrical regulations.
- The Bee Meter installation should only be carried out by a certified installer.
- The below instructions are a guideline and provided for reference only. You are solely responsible for following all applicable electrical safety procedures, codes, methods, and materials provided as per the instructions below.

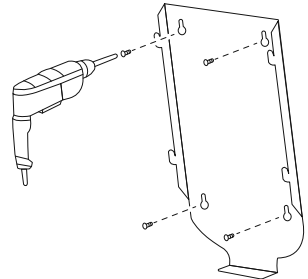


- There is risk of fire or electric shock. Do not alter, relocate, drill or remove any component without consulting with the Nayax certified team.
- Nayax is and will not be liable for any modifications or results of such modifications done to the product during or after installation.
- Installation must be carried out in **dry** conditions only.
- Ensure that all power is turned off using a voltmeter or an equivalent device before performing any installation.

1 Install Wall Mount

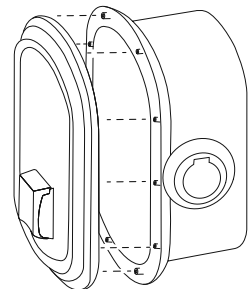
Place the charger's wall mount on the wall.

Drill holes. Secure the wall mount using three M10 anchors, screws and its nuts.



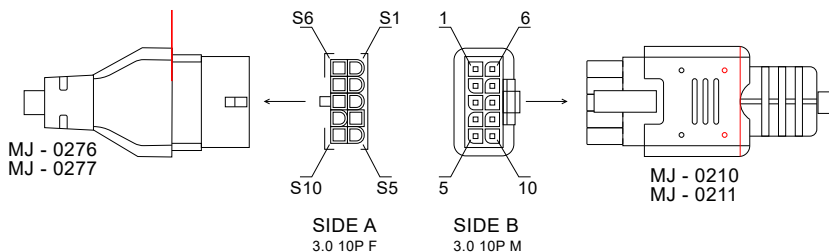
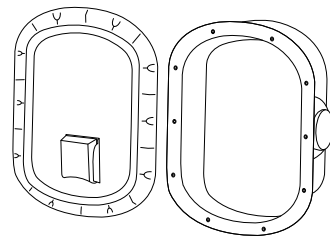
2 Dismantle Front Panel

Using the Hex screwdriver, remove 10 screws to dismantle the front panel (three from each side). Save screws for the final stage of the process.



3 Dismantle Internal Cable

Press internal yellow cable, and dismantle front Panel.



4 Connect External Power Cable

 Verify that the main circuit breaker (CB) is disconnected and that power is turned off

Insert the external power cables via the hole (bottom of the charger) and secure it with PG. Use M3 Philips Driver for CB/MID

Connect the cables according to the diagram:

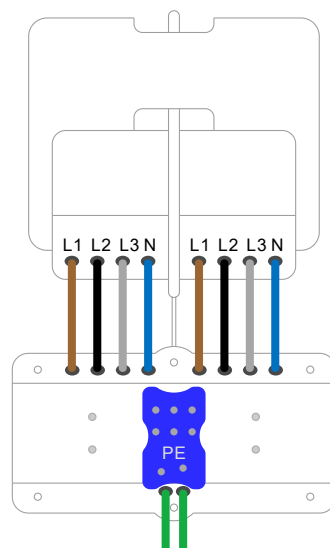
Brown = L1

Black = L2

Grey = L3

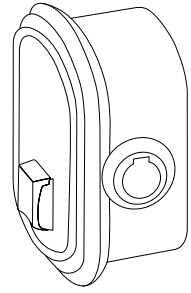
Blue = N

Yellow / Green = PE Earth \ PE \ Ground



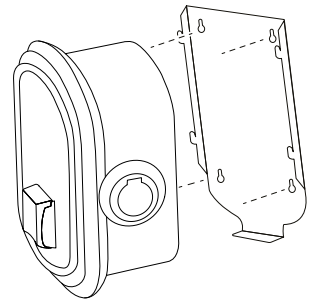
5 Assemble Charger

Fasten Cables using the black PG (bottom of the charger), Power UP CB, Close the front panel and fasten the ten screws using the Hex screwdriver.



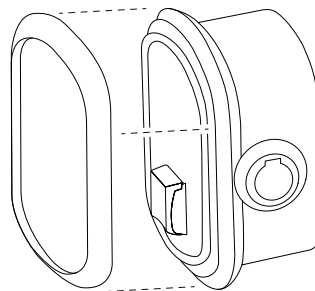
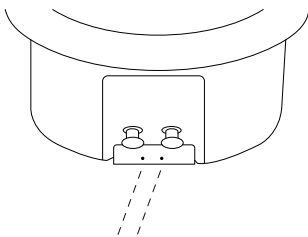
6 Attach to Wall Mount

To attach the charger to the wall mount, place it firmly on the four hooks.



7 Secure Charger

Fix the charger's location using the single M4 screw to the bottom, add Protective front cover.



8 Power-up



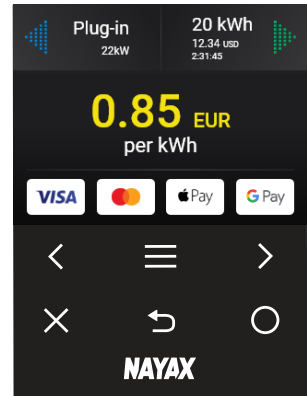
Verify that the charger parts were not damaged during installation and/or that no wires are exposed. Make sure to follow all your local electrical regulations post installation.

Turn on the main CB - Circuit Breaker (Switch I).

Make sure that the charger unit turns on, indicated by the logo's blue led light.

The charger is now ready for use!

** If relevant for your charger model then verify the LCD screen is turned on.*



Getting Started

1 Connect Nozzle



WARNING!

Inspect the charger for any visible damage. Do not use the charger if damaged.

Connect the charger's nozzle to the charging station.

2 Present a Card

Present a card (swipe/contact/contactless) and select the appropriate

3 Remove Nozzle



Do not unplug the charger while charging.

WARNING!

- Stop the charging process in the car. Release the latch on car's charge port (if applicable).
- Unplug the charger from the car.
- Close the car's charging port cover.

4 Charging Status Screen

The charging status is indicated by the different logo led lights and via the LCD screen (depending on the model).

- **No Light** – Charger is not receiving any power (power-loss)
- **Flashing Blue Light** – Charger initialization process
- **Constant Blue Light** – Charger is ready for use
- **Constant Green light** – Charging cable is connected to car
- **Flashing Green Light** - Charging in progress
- **Flashing Red light** – An error is detected.

Troubleshooting

If charging slows down / stops unexpectedly, what do I need to do?

This could indicate of a few issues. Start by :

1. Checking the car's infotainment for any error messages that could indicate what the exact issue is.
2. Unplugging the charger from the car & check that the cable and nozzle are not damaged.
3. Finally, check the signaling light on the charger

The number of red flashing lights may indicate the following issues:

- **Single fast flashing** – Problem with switching elements
- **Two flashing lights** – Problem with the residual current device
- **Three flashing lights** – Problem with the PE or neutral wire
- **Four flashing lights** – Overvoltage
- **Five flashing lights** – High temperature
- **Six flashing lights** – Unsupported charging mode



For further assistance, contact
your local distributor at

www.lascosaelettrica.it

