

# EV CHARGING STATION

**16A/230V**  
**Type 2 socket**



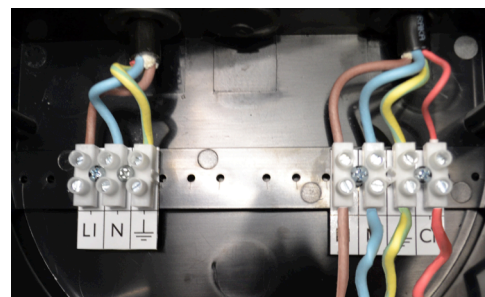
## Installation

1. The installation must be done by a qualified and licenced electrician according the local legislation.
2. The electrical installation must be free of power during the entire installation period.
3. Wiring and protection:

Version	Wiring	Mains Circuit Breaker (MCB)	Residual Current Device (RCD)
16A / 1 Phase	3G2,50mm <sup>2</sup> <15m	20A B-Characteristic	30mA, Type A
	3G6,00mm <sup>2</sup> 15-20m	20A B-Characteristic	30mA, Type A

**PLEASE NOTE: The Charging Station does not include the MCB or RCD. These must be installed separately in the electrical cabinet.**

4. Open bottom cover of the Charge Station. Carefully brake out required cable opening for incoming power cable.  
Use supplied M25 cable gland to fix power cable from the bottom.  
Use supplied grommet to fix power cable from the back.
5. Use 4 wood screws M4,5x35mm to mount Charging Station on the wall.  
The Charging Station should be installed between 0,80m and 1,20m from bottom to the ground.
6. Connect in-coming power to the left terminal block.  
L1=Brown  
N=Blue  
Earth=Green/Yellow
7. Close bottom cover and carefully slide metallized cover over the Charge Station.



## Operation

1. Use a Charge Cable with type 2 plug for the Charge Station and a type 1 or 2 plug for your car.
2. First plug your cable into the Charge Station, then in your car.
3. The plug will be locked in the Charge Station.
4. The Ready / Charge LED with the last used Charge current lights up. By pressing the button you can chose the required charge current (6A, 10A or 16A).
5. Now the Charge station starts charging at the selected current.
6. When charging is complete the Ready / Charge LED(s) will go out and the plug will be unlocked.
7. Remove the Charge Cable, first from the car then from the Charge Station.
8. If you want to take out the charge cable from the Charge Station when charging is not complete, you have to stop the charging proces in your car. Check the instruction of your car.

**Note:** a lower charge current gives less heat loss, is better for your battery and gives a lower risk of overload of your electrical installation.

## Front Panel Display

CHARGE CURRENT		
	LED 6A Ready/Charge	LED 10A Ready/Charge
6A	●	
10A		●
16A	●	●

