



WallBox eHome

Charging Station for Electric Vehicles

Application

Designed to be installed (both indoor and outdoor) at private houses, communal blocks, companies and other places where user authentication is not a requirement.

Concept Design

Taking into account that many times a domestic charger is considered an appliance, a nice design and a small size are key attributes that are to be contemplated.

Furthermore WallBox eHome series offers other attributes such as low-cost, robustness, and user-friendly operation.



Product highlights

- Compatible with **BeON sensor** (accessory), when combined with eHome is able to dynamically adjust the electric vehicle's consumption according to the available power of the installation, avoiding the risk of blackout and/or having to upgrade the existing installation (resulting on a lower initial investment).
- The **frontal LED bar** not only informs the user about the charger status (e.g. operative, faulty...) but also EV charging status; charging (dynamic blue light) vs charged (static blue light).
- The charger's **housing** is made of ABS plastic which is both robust and UV resistant, providing protection against both mechanical stress and severe environmental conditions.
- Its well-thought-out shape allows the cable to be rolled up and keep it tidy and unbroken while the charger is not being used.
- This series also includes a **selector switch** that facilitates the setup of the charger maximum output current (reducing installation time and cost).
- **Remote charging activation** is also offered by means of an ON/OFF external input signal (e.g. timer)



WallBox eHome Series

General Specifications

Enclosure rating	IP54 / IK10
Enclosure material	ABS-PCV0
Operating temperature	-5 °C to +45 °C
Ambient temperature storage	-40 °C to +60 °C
Operating humidity	5 % to 95 % Non-condensing
Light beacon	RGB colour indicator
Current setup	Onboard dipswitch
Dimensions (D x W x H)	115x180x315 mm
Weight	4 Kg
Cable length	5 meters
External input	Remote charging activation

Optional devices

Power limit control BeON sensor
20 amp current sensor EVC-BEON-CT20
50 amp current sensor EVC-BEON-CT50

** When ordered, easy access with frontal key locked door*

Models Specifications

Model	EVC-EHOME-16TI	EVC-EHOME-32TI	EVC-EHOME-16T2	EVC-EHOME-32T2
AC power supply	1P + N + PE	1P + N + PE	1P + N + PE	1P + N + PE
AC voltage	230 VAC +/-10%	230 VAC +/-10%	230 VAC +/-10%	230 VAC +/-10%
Maximum current	16 A	32 A	16 A	32 A
Maximum power	3,7 kW	7,4 kW	3,7 kW	7,4 kW
Connector	Type 1 Cable	Type 1 Cable	Type 2 Cable	Type 2 Cable



eHome BeON Compatible Intelligent sensor

eHome BeON takes a new step in domestic EV charging allowing you to charge your vehicle while using your appliances

This intelligent sensor, easily added to the usual protection panel at home, dynamically adjusts electric vehicle's consumption if the house system is about to be overloaded.

