

WallBox eHome

Home/ Business Charging Station for Electric Vehicles



Application

Designed to be installed in-garage or outdoors at residential homes, apartment blocks, business premises and other places where user authentication is not a requirement.

Product Highlights

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 in a lower initial investment).

The front LED bar informs the user about the charger status (e.g. operative, faulty...) and EV charging status; charging (flashing 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 kept 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).

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

About NextGen Energy

NextGen Energy is not only NZ’s first, and only, **not for profit** power company.

We also provide turnkey energy solutions for:

- Residential storage systems
- Community-owned electricity schemes
- Offsite solar power generation
- Grid-scale storage technologies
- Commercial energy efficiency
- Electric vehicles & charging systems
- Off-grid subdivision development
- Lines company capacity support

For more information:

0800 890 146

www.nextgen.energy

systems@nextgen.energy

General Specifications

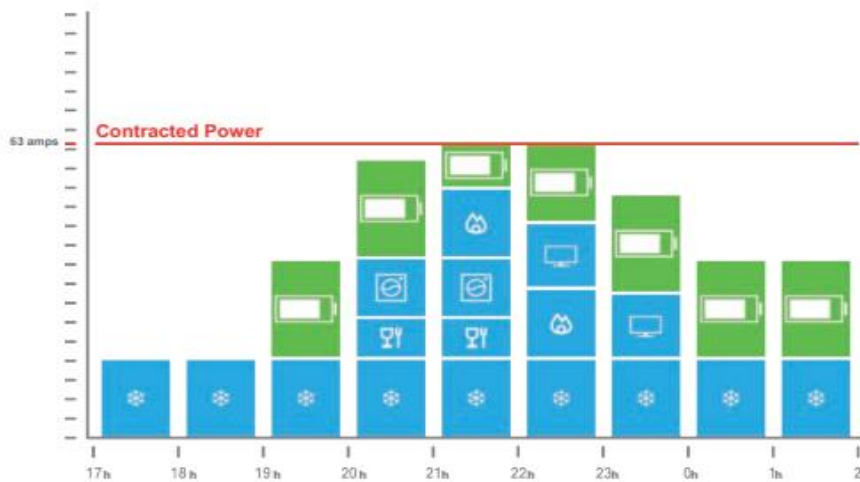
Enclosure rating	IP54 / IK10
Enclosure material	ABS-PCV0
Operating temperature	- 5 C to 45 C
Ambient temperature storage	- 40 C to 60 C
Operating humidity	5 to 95% Non-condensing
Light beacon	RGB colour indicator
Current setup	Onboard dipswitch
Dimensions (D x W x H)	115x 180x 315x mm
Weight	4 Kg
Cable length	5 meters
External input	Remote charging activation

Model Specifications

Model	EVC-EHOME-16T1	EVC-EHOME-32T1	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%
Max. current	16 A	32 A	16 A	32 A
Max. 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 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.



FULL TECHNICAL SPECIFICATIONS AVAILABLE ON REQUEST – SPECIFICATIONS MAY CHANGE WITHOUT NOTICE