CIRCONTROL
Mobility & eMobility

Cir
Car
Life   Intelligent charging
solutions for electric
vehicles

Wallbox eBasic
Ideal when authentication is not required

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

Considering that many times a domestic charger is thought as an appliance, a simple design and safety usage of your home and combined with a small size are key attributes that are to be considered. WallBox eBasic series not only offers this but also some other attributes such as low-cost, robustness, and user-friendly operation.

Product highlights

- Compatible with **BeON sensor** (accessory), when combined with eBasic 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 (which increases the charger lifespan and avoids its replacement in just a few years).

- Simple user operation by its **Plug 'n' Charge** mode that avoids the user obligation of authentication by means of an RFID card, phone or equivalent method.

- This series also includes a **selector switch** that facilitates the selection 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 eBasic series provides a reserved space in case you want to **have your own brand** on it.

- **2 in one**. Choose charge either in its Type 2 socket or Schuko connector, especially integrated for bicycles or motorbikes.

WallBox eBasic *Series*

General Specifications

Enclosure rating	IP54 / IK10
Enclosure material	ABS
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)	125x225x320 mm
Weight	4 Kg

Optional devices	
Low temperature kit	-30 °C to +45 °C
Power limit control	BeON sensor
Cable support	Optional (included at WallBox with tethered cable)
Pedestal single	Pedestal for one WallBox

Models Specifications

Input	eBASIC T2S32	eBASIC T2S32 Schuko	eBASIC T2C32
AC power supply	3P + N + PE	1P /3P + N + PE	3P + N + PE
AC Voltage	400 VAC +/-10%	230 VAC / 400 VAC	400 VAC +/-10%
Maximum input current	32 A	T2: 32 A S: 16 A	32 A
Maximum input power	22 kW	T2: 22 kW S:3,7 kW	22 kW
Number of plugs	1	2	1
Maximum output power per outlet	22 kW	T2: 22 kW S: 3,7 kW	22 kW
Maximum output current per outlet	32 A	T2: 32 A S:16 A	32 A
AC output voltage	400 VAC (3P + N + PE)	230 VAC (1P + N + PE) 400 VAC (3P + N + PE)	400 VAC (3P + N + PE)
Connection	1 x Type 2 Socket	1 x Type 2 Socket + 1 x CEE/7	1 x Type 2 Cable (5m)