

SWARCO

WALL BOX eNEXT

THE PERFECT EV CHARGER FOR YOUR NEEDS

APPLICATION

Suitable for both indoor and outdoor installation in private homes, communal blocks, workplaces and car parks.



CONCEPT DESIGN

The eNext has been designed to simplify the charging process thanks to Presence Recognition, a feature that allows the user to start charging without any interaction with the device. As soon as the approved user is detected by Bluetooth and the cable is connected to the car, the charging process starts.

In terms of the exterior design, the core black and white colours, curved lines and appropriate proportions, makes the eNext a great fit for all locations.

For installations where there is no wall in the vicinity of the parking bays the Wall Box eNext can be mounted onto an optional pedestal.

PRODUCT HIGHLIGHTS

- **An app** to control and configure the eNext: language configuration, user authentication, wallbox diagnosis and firmware upgrades, among others.
- **Presence recognition via smartphone Bluetooth**, so user authentication is confirmed simply by proximity.
- **Remote charging activation** is also offered by means of an ON/OFF external input signal (e.g. timer).
- **Timetable programming** to adjust the charging session to the hourly energy rates.
- Ready for internal integration of electrical protections.
- Includes **latching contactor detection** that meets with IEC 61851-1 for safety protection.
- The Wallbox eNext series features a reserved space in case you want to include **your own branding on it**.
- **DC leakage detection** can be ordered as an optional extra. Thus, in conjunction with the latching contactor and RCDA, the highest safety protection is guaranteed.
- Compatible with the **Home BeOn sensor** (accessory), when combined with eNext, it is able to dynamically adjust the electric vehicle's consumption according to the available power of the installation.
- The **LED bar** at the front not only informs the user about the charger's status (e.g. operative, faulty...), but also the 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 mechanical stress and severe environmental conditions.

WALL BOX eNEXT

GENERAL SPECIFICATIONS

Enclosure rating	IP54 / IK10*
Enclosure material	ABS / PC
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
Power limit control	Mode 3 PWM control according to ISO/IEC 61851-1
Dimensions (D x W x H)	200 x 335 x 315 mm
Weight	4 kg
External input	Remote charging activation
Wireless communication	Bluetooth v4.2 + BLE



*IK08 in some components appended to the body, i.e., beacon light.

OPTIONAL DEVICES

Low Temperature Kit	-30 °C to +45 °C
Protections	MCB (Curve C) DC 6mA leakage detection RCBO (RCD Type A + MCB)
Power limit control*	Home BeOn sensor
Type 2 socket protection	Locking System
Type 2 charging socket	Shutter
Tethered cable	Type 1 straight + cable roller Type 1 spring + connector holder Type 2 straight + cable roller Type 2 spring + connector holder
Pedestal	Single: for single-plug Wallbox Dual: for dual-plugs Wallbox
Customisation	Logo customisation

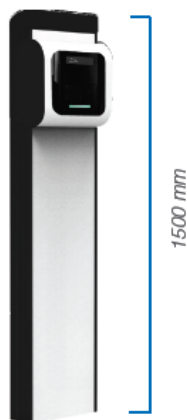
*Single-phase models only.

MODEL SPECIFICATIONS

MODELS	S	T
AC power supply	1P + N + PE	3P + N + PE
AC input voltage	230 VAC +/-10%	400 VAC +/- 10%
Maximum input current	32 A	32 A
Maximum input power	7.4 kW	22 kW
Number of plugs	1	1
Maximum output power per outlet	7.4 kW	22 kW
Maximum output current per outlet	32 A	32 A
AC output voltage	230 VAC (1P + N + PE)	400 VAC (3P + N + PE)
Connection	1 x Type 2 Socket 	1 x Type 2 Socket 

Pedestal

A good choice when there is no wall.



1500 mm

Material:
Aluminium 5754

Weight:
10 kg

Dimensions
(H x W x D):
1500x373x150 mm

Promotional Totem

A smart marketing tool for car dealers, showrooms, exhibitions, etc.



1550 mm

Material:
Polystyrene
(1.5 mm wide)

Weight:
4 kg

Dimensions
(H x W x D):
1550x400x250 mm