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Cir Car Life Intelligent charging solutions for electric vehicles

Wallbox eNext
The perfect EV Charger for your needs

Application

Designed to be installed (both indoor and outdoor) at private houses, communal blocks, companies and car parks.

Concept Design

eNext has been conceived to simplify the charging process. We developed the 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.

Regarding the external design, we keep the black and white colors as the core design concept while introducing curve lines and rounded shapes. The appropriate proportions and the perfect size, along with the black piano combined with white matt makes the eNext series the best choice to match any wall.

Product highlights

- **An APP** to control and configure the eNext: language configuration, user authentification, Wallbox diagnosis and firmware upgrades, among others.

- **Presence recognition by 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 accommodate the charging session to the energy hourly rates.

- Ready for internal integration of electrical protections.

- Includes **welding contactor detection** that meets with IEC 61851-1 for safety protection.

- Wallbox eNext series provides a reserved space in case you want to **have your own brand** on it.

- **DC leakages detection** can be ordered as an optional. Thus, in conjunction with the welding contactor and RCD A guarantees the highest safety protection.

- Compatible with **BeON sensor** (accessory), when combined with eNext is able to dynamically adjust the electric vehicle's consumption according to the available power of the installation.

- 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.

WallBox eNext *Series*

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 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

Optional devices	
Low temperature kit	-30 ºC to +45 ºC
Protections	MCB (Curve C) RCD Type A (30mA) DC 6mA leakage detection RCD Type B (30mA)
Power limit control	BeON sensor
Type 2 socket protection	Locking System
Type 2 charging socket	Shutter
Tethered cable *(straight or spring)*	Type 1 Type 2
Cable support	Connector holder Cable roller
Pedestal	

Model Specifications

Input	eNext S	eNext 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)
Socket Type	1 x Type 2 Cable or 1 x Type 1 Cable	1 x Type 2 Socket

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