

DEFENZO

WALLBOX AC HOME SMART

Smart charging station for home and garage - with App and RFID

Defenzo Wallbox AC Home Smart is a modern alternating current (AC) charging station, designed for convenient and safe charging of electric vehicles in domestic and semi-public environments. The Wallbox is equipped with an RFID interface and mobile app support (Tuya or Smart Life), which allows for:

- remote starting and stopping of charging,
- setting charging schedules (e.g., off-peak/night hours),
- adjusting the charging power,
- viewing charging session history,
- managing access via RFID cards.

The illuminated Defenzo logo and RGB LED indicate the current operating status of the device (R/G/B).

The device features an **intelligent protection system** that provides defense against:

- overvoltage and undervoltage,
- overload and overheating,
- residual current (RCD Type B breaker – 30 mA AC + 6 mA DC),
- missing ground and incorrect power supply frequency.

Quick and Simple Installation

The Wallbox comes with a power supply cable terminated with a CEE plug (three-phase industrial plug) and an integrated Type 2 charging cable with an IEC 62196 connector.

DEFENZO WALLBOX AC HOME SMART

Charging station



TECHNICAL DATA

Model	Defenzo Wallbox Home Smart AC11
Rated power	11 kW
Charging indicator	RGB LED
Activation method	Plug & Charge. In the Smart version: unlocking via card and app
Number of RFID cards included	2
Dimensions	180 x 180 x 85 mm
Interface	5 m cable with TYPE 2 female plug (IEC 62196)
Operating voltage	3 phases; 380–440 V
Voltage frequency	50/60 Hz
Input current	16 A
Charging cable length	5 m
Overload protection threshold	≥ 110%
Overvoltage protection threshold	465 V
Undervoltage protection threshold	330 V
Overheating protection threshold	85 °C
Built-in residual current detection module	30 mA AC + 6 mA DC
Operating temperature	-30 °C ~ 50 °C
Operating humidity	5% ~ 95% relative humidity, non-condensing
Operating altitude	2000 m
Protection rating	IP54
Built-in residual current device	RCD Type B (30 mA AC + 6 mA DC)
Warranty	2 years