

DEFENZO

WALLBOX AC PRO SMART

A modern charging station for domestic and semi-public use

A modern charging station for domestic and semi-public use – perfect for garages, residential community parking slots, or company parking lots. With 22 kW of power and intelligent control, the **Defenzo Wallbox AC22 Pro Smart** enables fast and safe charging of electric vehicles using alternating current (AC).

The sleek, elegant black housing features a **color LCD screen** that displays the most critical charging parameters: current, voltage, session time, and energy consumption. Additionally, the device's status is indicated by a color LED backlight around the screen and an illuminated Defenzo logo.

The charger is equipped with a cable terminated with a **Type 2 connector** (IEC 62196) and a **red CEE industrial power plug**, allowing for quick connection to an existing three-phase electrical installation.

Smart Features:

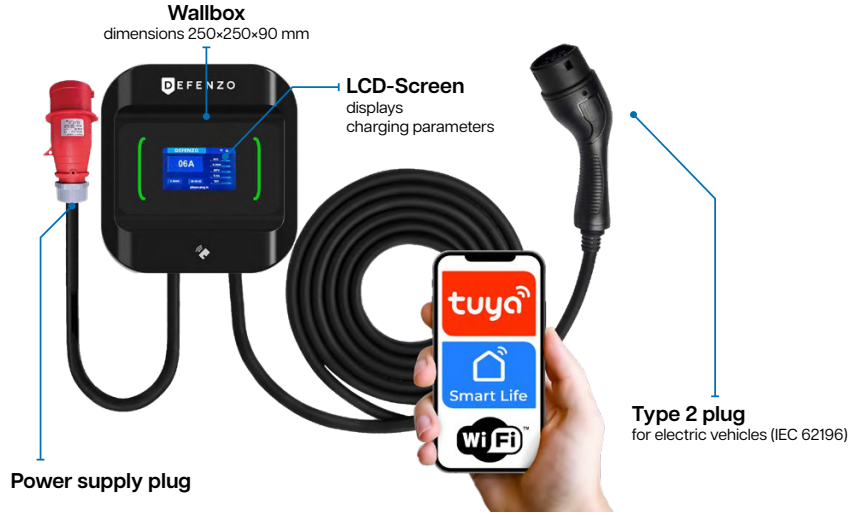
- **Mobile App Control** (Tuya/Smart Life): remote start/stop, schedule settings, charging power adjustment, session history.
- **RFID Reader**: allows access to be granted only to selected users (e.g., in a residential community parking lot).
- **Charge Delay Function** and a button to adjust the current intensity directly on the device.

It features a built-in **RCD Type B** residual current breaker and a complete set of safety protections.

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DEFENZO WALLBOX AC PRO SMART

Charging station



TECHNICAL DATA

Model	Defenzo Wallbox Pro Smart AC22
Rated power	22 kW
Charging indicator	Display and LED indicator
Activation method	RFID card or App
Dimensions	250 x 250 x 90 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	32 A
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