wallbox
wallbox copper
Technical Datasheet

Wallbox Copper is the ultimate intelligent charging system for electric vehicles, equipped with the latest technology and a compact and sophisticated design to deliver the best performance in the daily life of individuals and companies.

Wallbox Copper is the smallest and most compact design on the market, delivering the maximum power, with gesture identification. WallBox Copper is designed with Bluetooth/Wifi/Ethernet smart connectivity that allows to get data on-the-go either realtime or on demand based on your needs. Ensure future proof compatibility thanks to ISO 15118 ready hardware.

Features such as charging activation, charging schedules, energy consumption monitoring, charger and house energy reporting, automatic software updates, etc…. make the WallBox Copper the smallest and smartest connected charger on the market.

"myWallbox", a personal area designed specifically for you, allows the control of charging sessions, to configure the charger and gives access to the consumption history and other services such as Smart Charging.
"myWallbox" also allows the integration of data through OCPP with any backend system from the market.

Summary information

general specifications

Model Name	Wallbox Copper
Mode	Socket Type 2
	Cables Type 2 or Type 1 (5m lenght) (10m lenght optional)
Overall Dimensions	191x259x88,5mm (socket) 167x167x54,5mm (cable)
Weight	3 Kg. (w/o cable)
Operating temperature	-25ºC to 45ºC
Storage temperature	-40ºC to 70ºC
CE Marking	IEC61851-1 - IEC61851-22

electrical specifications

Max Power	7,4kW (1P) / 22 kW (3P)
Input Voltage	110/230Vac ± 10% (1P) / 400VAC ± 10% (3P)
Max Current	32A, cable size up to 5x6mm²
	Charging current configurable from 6A to 32A
Nominal frequency	50Hz/60Hz
Metering	Class B - EN50470
Degree of protection	IP55/IK08
Overvoltage Category	CAT III
Protections	(RCM/ DC 6mA detection)[1]

status & user interface

Communications	Bluetooth / Wifi / Ethernet
	LTE[1] / ISO15118 Ready[1]
User identification	Visual / Plug & Play / myWallbox App / (RFID/NFC) [1]
User interface	wallbox Sense / myWallBox App
Communication interface	myWallBox and OCPP
Charging status	intelligent responsive Screen 4.3"

(1) Optional
Characteristics susceptible to changes without prior notice
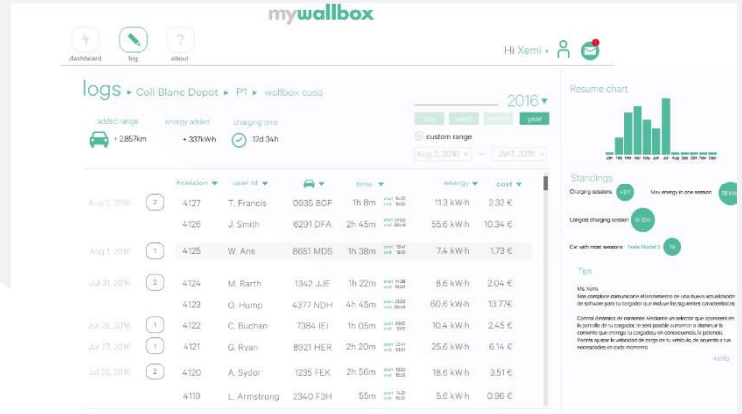
myWallBox Portal
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"myWallBox" is to be installed from private domestic users to commercial work place chargers.

- Single or Multiple charger's connectivity
- Identification of sessions ID: Charger / User / Registration number
- Real-time monitoring and Reporting
  - Consumption
  - Charging time
  - Charging cost
  - Charging usage
- Charging profiles
- Charging report (day/week/month/year)
- Charging status (available, charging, online, offline, error...)
- Encrypted data communication
- OCPP integration

myWallBox App

Get your "myWallbox" experience to your mobile device and more:

- Access to AUI Technology (Automated User Identification)
- House Energy Consumption real-time monitoring
- Smart charging schedules
- Download updates to your charger