Copper - Gesture Recognition

Smart charging made simple

Increasingly mobility is switching to electrical power. This presents us with a more complex energy relationship. Wallbox innovates to make these things simpler:

- Optimum energy balance between home and vehicle
- Green electricity tariffs
- Time of use pricing
- Bi directional (V2G) power flows

Always connected and smart

Wallbox electric vehicle chargers are unique. They connect to the myWallbox energy management platform, which keeps everything smart all of the time. The secure cloud technology space is personal to you. It controls, informs and protects. It is your virtual energy management assistant. And it comes as standard.

Up to 10x faster charging

A Wallbox rated at 7.4 kW will speed up your charging by at least three times, compared to a domestic plug. Our 22 kW units are ten times faster.
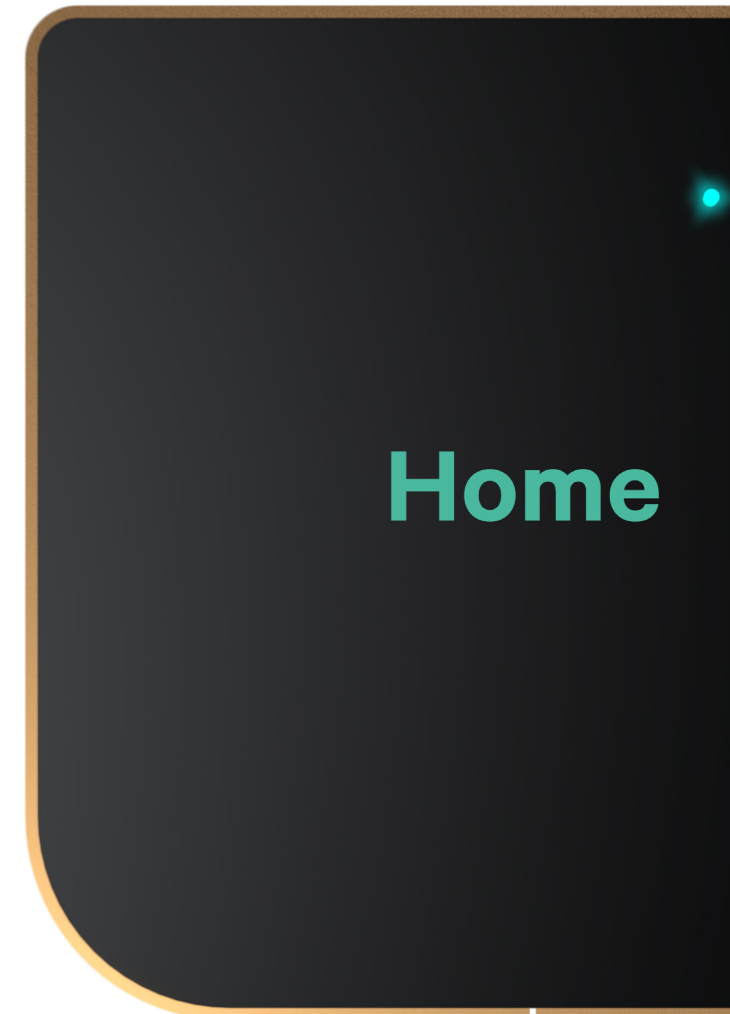
Charges every type of electric vehicle

All makes and models of electric vehicle are compatible with Wallbox. We operate in all major EV markets and have over 20,000 happy customers.

Power Boost

Wallbox chargers are available with the added benefit of Power Boost. This optimises the energy relationship between home and vehicle, in order to give faster charging when more power is available. The Power Boost configuration is very intuitive and easy to implement through the Wallbox App. A smart energy meter is added to the home circuit.

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Copper C

reddot award 2019 winner

Copper epitomises Wallbox design. Form follows function in the purest sense. This is how we make innovation so accessible. We replace complex operations with simple face and gesture recognition. Copper is rated up to 22 kW and available with tethered cable.

Specifications

Model	Copper C
Connector Type	Type 1 or Type 2 (IEC 62196-2)
Dimensions	168x168x54 mm (without cable)
Weight	1.5 kg (without cable)
Maximum Output	7.4 kW (1P) / 22 kW (3P) [1]
Protection Rating	IP54 / IK08

[1] 3P only available for Type 2

User Interface and Communications

Connectivity	Bluetooth / Wi-Fi / Ethernet
User Identification	Face recognition / Wallbox App / RFID
User Interface	Gesture control / Wallbox App / myWallbox Portal
Charging Status Info	4.3" Screen / RGB LED / Wallbox App / myWallbox Portal

Pulsar / Pulsar Plus

We make our chargers compact, intelligent and powerful. Pulsar leads the way in all three respects. And it is our most economical charger. Rated up to 22 kW, incorporating a tethered cable. Pulsar connects using Bluetooth via a mobile phone or tablet. Pulsar Plus has the additional feature of connection via WiFi.

Specifications

Models	Pulsar / Pulsar Plus
Connector Type	Type 1 or Type 2 (IEC 62196-2)
Dimensions	166x163x82 mm (without cable)
Weight	1 kg (without cable)
Maximum Output	7,4 kW (1P) / 22 kW (3P) [1]
Protection Rating	IP54 / IK08

[1] 3P only available for Type 2

User Interface and Communications

Connectivity	Bluetooth / Wi-Fi*
User Identification	Wallbox App / myWallbox Portal*
User Interface	Wallbox App / myWallbox Portal
Charging Status Info	Halo RGB LED / Wallbox App / myWallbox Portal*

* Only available for Pulsar Plus

Bi directional DC charging

Wallbox has introduced the world's first bi directional DC charger for the home. It enables power integration between home energy generation and storage, vehicle charging and discharging from the vehicle to the supply grid.

Specifications

Model	DC Charger 1ph
Connector Type	CCS or CHAdeMO [2]
Dimensions	350 x 350 x 150 mm [3]
Weight	22 kg [3]
Maximum Power	7,4 kW [4]
Protection Rating	IP54 / IK08

User Interface and Communications

Connectivity	Wi-Fi / Ethernet [3] / Bluetooth / 3G/4G Connection [5]
User Identification	Wallbox App / RFID / Face Recognition [5]
User Interface	Wallbox App / Gesture Recognition [5]
Charging Status Info	RGB LEDs / Color Screen [5]

[2] CCS Q1 2020.
[3] Susceptible to changes.
[4] Depending on country specific regulations.
[5] Optional.

Feature comparison

	DC	Copper*	Pulsar Plus	Pulsar
Charging Up to 22kW	✓	✓	✓	✓
DC Leakage Detector	✓	✓	✓	
Schedules	✓	✓	✓	✓
Statistics	✓	✓	✓	✓
Lock	✓	✓	✓	✓
Power Sharing Smart	✓	✓	✓	✓**
Power Boost	optional	optional	optional	
Remote Management Wifi	✓	✓	✓	
Remote Management Ethernet	✓	✓		
Remote Management Mobile	✓	optional		
Color Screen	optional	✓		
RFID	✓	✓		
Face Recognition (internet)	optional	✓		
Gesture Recognition	optional	✓		
DC charging	✓			
Bi directional	✓			

*also available with socket
**slave only

Copper - Home Charger