Wallbox Copper SB

Technical datasheet

Wallbox Copper SB is adapted for commercial and semi public use. With the introduction of a universal socket, the charger is suitable for both Type 1 and Type 2 vehicle connectors. Access control is managed through RFID.

The Copper SB is an intelligent device that is always connected to the myWallbox charging management platform. As a result, multiple users can be monitored and available power can be distributed amongst various chargers.

Key Features

- Socket connector is universally accepted by all plug-in vehicle types.
- The authentication of multiple users can be done through both RFID and the app.
- Controlling multiple chargers is possible through Power Sharing Smart and real time monitoring is available on myWallbox.
- Beautifully designed and manufactured, this product will make real statement about your company.

Product description

General specifications

Model	Copper SB
Connector type	Type 2 Socket (IEC 62196-2)
Charging Mode	Mode 3
Dimensions	260x192x113 mm
Weight	2 kg
Operating temperature	-25 ºC to 40 ºC
Storage temperature	-40 ºC to 70 ºC
CE Mark	LVD2014/35/EU, EMCD 2014/30/EU IEC61851-1, IEC61851-22, IEC62196-1

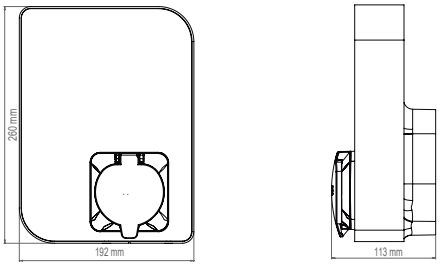
Electrical specifications

Maximum output	7.4 kW (1P) / 22 kW (3P)
Input voltage	110 / 230V AC ± 10% (1P) / 400V AC ± 10% (3P)
Maximum Current	32 A, 5x6 mm² cable Charging current configurable from 6 A to 32 A
Rated frequency	50 Hz / 60 Hz
Protection rating	IP54 / IK08
Surge category	CAT III
Residual current detection RCCB	AC 30mA / DC 6mA External RCCB required(1)

User interface and communications

Connectivity	Bluetooth / Wi-Fi / Ethernet
User identification	Wallbox App / RFID
User interface	Wallbox App / myWallbox Portal
Charging status information	RGB LED / Wallbox App / myWallbox Portal
Included features	Power Sharing Smart
Optional features	3G Connectivity / Power Boost

Dimensions



(1) Type A or Type B according to local regulations. When residual current detection is present RCCB Type A could be sufficient.

myWallBox Portal

The myWallbox cloud platform allows you to configure, monitor and remotely manage your charger, via mobile app or web portal. It is suitable for private and business use.

Information and management in real time:
Access from any device to get information about consumption, charging time, energy cost or your charger's active and uploaded sessions.

Regular reports:
Easily download all information on energy consumption, costs, uploaded sessions, historical data and much more, whenever you need it.

Remote configuration:
Set the charging current according to your needs or lock and unlock your charger to avoid misuse. All with a single click.

Wallbox app

Manage all your device settings from your mobile phone or tablet through the Wallbox application.

- Acts as a link between the charger and the myWallbox portal via Bluetooth.
- Set up your device and get access to your consumption.
- Program charging sessions when energy price is lower.
- Set the charging current according to your needs or lock and unlock your charger to avoid misuse. All with a single click.

Distributed by

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