TECHNICAL DATASHEET

Wallbox Copper SB

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.

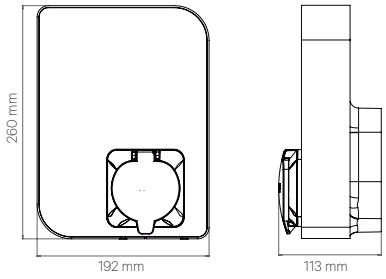
Key Features

- 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.
- Balancing charging power across chargers thanks to Power Sharing Smart.
- Beautifully designed and manufactured, this product will make real statement about your company.

General Specifications

Model	Copper SB
Colour	Black
Charging mode (IEC 61851-1)	Mode 3
Dimensions	260x192x113 mm
Weight	2 kg
Operating Temperature	-25 ºC to 40 ºC
Storage Temperature	-40 ºC to 70 ºC
Standards	CE mark (LVD 2014/35/EU, EMCD 2014/30/EU) IEC 61851-1, IEC 61851-22, IEC 62196-2

Dimensions



Electrical Specifications

Charging Power	11 kW	22 kW
Rated Voltage AC ± 10%	400 V	400 V
Rated Current	16 A (3P)	32 A (3P)
Cable Width		5 x 10 mm²
Rated Frequency		50 Hz / 60 Hz
Configurable Current		from 6 A to rated current
Connector Type (IEC 62196-2)		Type 2 Socket (shutter optional)
Protection Rating		IP54 / IK08
Surge Category		CAT III
Residual Current Detection		DC 6 mA [1]
RCCB		External RCCB required[2]

User Interface and Communications

Connectivity	Wi-Fi / Ethernet / Bluetooth
User Identification	Wallbox App/ RFID / myWallbox Portal
User Interface	Wallbox App / myWallbox Portal
Charger Status Information	RGB LED / Wallbox App / myWallbox Portal
Included Features	Power Sharing Smart
Optional Features	3G/4G Connectivity / Power Boost

[1] Internal RDC-DD meets tripping time characteristics according to IEC 62955.
[2] Type A or Type B according to local regulations.

Part Number Structure

XXXX-X-X-X-X-XXX-X
1 2 3 4 5 6 7

Position	1 - MODEL	2 - CABLE	3 - CONNECTOR	4 - POWER	5 - ADDITIONAL FEATURE	6 - CUSTOM	7 - REVISION
Variants - Description	CPB1 - Copper SB	S - Socket W - Socket with shutter	2 - Type 2	3 - 11 kW 4 - 22 kW	5 - Residual current detection + RFID	XX2 - Black	X - Revision X

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 uploaded and active sessions.
- **Regular reports:** Easily download all information on energy consumption, costs, active sessions, historical data and much more, whenever you need it.
- **Remote configuration:** Set the charge 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.