wallbox

Wallbox Copper C

Wallbox Copper is the latest charger designed by Wallbox. It provides an innovative charging experience with natural interaction. Wallbox has created a revolutionary charging system for electric vehicles and plug-in-hybrids, integrating face recognition and sense movement detection technology for the first time. In addition to these innovations, Copper has a sophisticated combination of technology, design, size and functionality to ensure optimal charging performance.

Through the myWallbox platform, you can monitor energy consumption, view charging history and schedule charging sessions. You even have the option of configuring your Wallbox so that it charges at the most cost effective time of day.
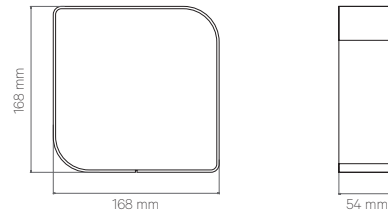
Key Features

- Copper has face recognition technology ensuring that only authorised people can use the charger.

- Through gesture interaction technology the charger can be controlled with simple hand movements.

- Match your Copper C with your car or choose the colour you like the most: copper, aluminium, black, red and blue.

General Specifications

Model	Copper C
Colour	Copper, Black, Blue, Red or Aluminium
Cable Length	5 m (7 m optional)[1]
Charging Mode (IEC 61851-1)	Mode 3
Dimensions	168x168x54 mm (without cable)
Weight	1.5 kg (without cable)
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

168 mm — 168 mm — 54 mm

reddot design award winner 2019

Electrical Specifications

Charging Power	7,4 kW	11 kW	22 kW
Rated Voltage AC ± 10%	220 V - 240 V	400 V	400 V
Rated Current	32 A (1P)	16 A (3P)	32 A (3P)
Connector type (IEC 62196-2)	Type 1/ Type2	Type 2	Type 2

Cable Width	5 x 6 mm²
Rated Frequency	50 Hz / 60 Hz
Configurable Current	from 6 A to rated current
Protection Rating	IP54 / IK08
Surge Category	CAT III
Residual Current Detection	DC 6 mA
RCCB	External RCCB required[2]

User Interface and Communications

Connectivity	Wi-Fi / Ethernet / Bluetooth
User Identification	Face recognition / Wallbox App / RFID/ myWallbox Portal
User Interface	Gesture control / Wallbox App / myWallbox Portal
Charger Status Information	4.3" Screen / RGB LED / Wallbox App / myWallbox Portal
Included Features	Power Sharing Smart
Optional Features	3G/4G connectivity / Power Boost

[1] Only available for Type 2 3P 32 A chargers
[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	WBCP- Copper	0 - 5 m	1 - Type 1	2 - 7,4 kW	5 - Residual current detection + RFID	XXB - Copper XX2 - Black XX5 - Blue XX6 - Red XXA - Aluminium	X - Revision X
				3 - 11 kW			
		M - 7 m	2 - Type 2	4 - 22 kW			

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.