Wallbox Copper C
Technical datasheet

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 facial 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 facial recognition technology ensuring that only authorised people can use the charger.
- Through gesture interaction technology the charger can be switched on and the power can be adjusted with a single hand movement.
- Match your Copper with your car or choose the colour you like the most: copper, aluminium, black, red, blue, anthracite.

Product description

General specifications

Model	Copper C
Cable length	5 m (7 m optional)
Connector type	Type 1 (SAE J1772) or Type 2 (IEC 62196-2)
Dimensions	168x168x54 mm (without cable)
Weight	1,5 kg (without cable)
Operating temperature	-25 ºC to 45 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

Output	7.4 kW (1P) / 22 kW (3P)[1]
Input voltage	230V AC ± 10% (1P) / 400V AC ± 10% (3P)[1] 32
Current	A, 5x6 mm² cable
	Charging current configurable from 6 A to 32 A
Rated frequency	50Hz
Protection rating	IP54/IK08
Surge category	CAT III
DC fault current detection	AC 30mA / DC 6mA detection (optional)
RCCB	External RCCB[2] required

User interface and communications

Communication	Bluetooth / Wi-Fi/ Ethernet
Identification	Facial recognition / myWallbox App
User interface	Gesture control / myWallbox App and Portal
Communication protocol	myWallbox
Charging status information	4.3" Screen / RGB LED / myWallbox App and Portal
Optional features	Mobile connectivity / Power Boost

Dimensions
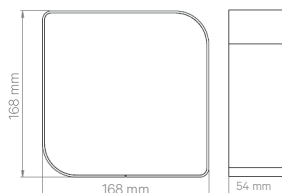
168 mm
168 mm
54 mm

(1) 3P only available for type 2
(2) Type A or Type B according to local regulations, when DC fault current detection is present RCCB Type A is sufficient

Wallbox Copper S
Technical datasheet

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Key features

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

Product description

General specifications

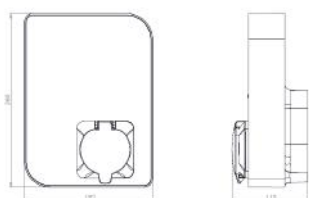|	
Model	Copper S
Connector type	Type 2 Socket (IEC 62196-2)
Dimensions	260x192x113 mm (without cable)
Weight	2 kg (without cable)
Operating temperature	-25 ℃ to 45 ℃
Storage temperature	-40 ℃ to 70 ℃
CE mark	LVD2014/35/EU, EMCD 2014/30/EU IEC61851-1, IEC61851-22, IEC62196-1

Electrical specifications

Output	7.4 kW (1P) / 22 kW (3P)[1]
Input voltage	230V AC ± 10% (1P) / 400V AC ± 10% (3P)[1]
Current	32 A, 5x6 mm² cable Charging current configurable from 6A to 32A
Rated frequency	50Hz
Protection rating	IP54/IK08
Surge category	CAT III
DC fault current detection	AC 30mA / DC 6mA detection (optional)
RCCB	External RCCB[2] required

User interface and communications

Communication	Bluetooth / Wi-Fi / Ethernet
Identification	Facial recognition / myWallbox App
User interface	Gesture control / myWallbox App and Portal
Communication protocol	myWallbox
Charging status information	4.3" Screen / RGB LED / myWallbox App and Portal
Optional features	Mobile connectivity / RFID authentication / Power Boost / Power Sharing

Dimensions

(1) 3P only available for type 2
(2) Type A or Type B according to local regulations, when DC fault current detection is present RCCB Type A is sufficient