

Wallbox DC Charger

Wallbox has created a direct current (DC) bi directional electric charger for home. It uses unique power electronics and high frequency switching technology to optimise the energy relationship between vehicle, power grid, home energy generation and storage.

The new Wallbox charger is light-weight and compact enough to fit within a domestic setting. And it has all the premium styling cues and brand language of the Wallbox design influence.

It charges and discharges through a CCS or CHAdeMO vehicle connector. This allows home owners to take advantage of new vehicle to grid electricity tariffs. The charger is controlled using the Wallbox App or via the myWallbox Portal.

General Specifications

Model	DC Charger 1ph
Cable length	5m
Connector type	CCS or CHAdeMO ^[1]
Main unit dimensions	350x350x150mm ^[2]
Net weight	22kg ^[2]
Package dimensions	510x485x470mm ^[2]
Package weight	27kg ^[2]
Operating temperature	-25°C to 40°C
Storage temperature	-40°C to 70°C
CE Mark	IEC61851-1 - IEC61851-23
Grid Codes	G99 (UK) VDE-AR-N 4105 (Germany) ^[3]



Electrical Specifications

Maximum power	7,4 kW ^[4]
Maximum current	configurable from 6 A to 32 A
Rated frequency	50 Hz / 60 Hz
AC Voltage	230 V ± 10%
DC Voltage Range	150 V - 500 V
Protection rating	IP54 / IK08
Surge category	CAT III



* Images shown may vary from the final design.

User Interface and Communications

Connectivity	Wi-Fi / Ethernet ^[2] / Bluetooth / 3G/4G Connection ^[5]
Identification	Wallbox App / RFID / Face Recognition ^[5]
User interface	Wallbox App / Gesture Recognition ^[5]
Charger status information	RGB LEDs / Color Screen ^[5]

[1] CCS Q2 2020.
 [2] Susceptible to changes.
 [3] Compliant grid codes list may increase.
 [4] Depending on country specific regulations.
 [5] Optional.