



Electric Vehicles

Charging solutions for electric vehicles

Wallbox DC

DC charging made easy

Technical features

General presentation

Housing	Stainless steel 304 Printed PETG front
Colour	RAL 9003 / RAL 7016
Temperature	From -10°C to +50°C
Cold option	From -30°C to +50°C
Storage temperature	From -10°C to +60°C
Humidity index	5% to 95% (non-condensing)
Dimensions (d x w x h)	273 x 704 x 816 mm (without charging points)
Weight	65 kg max
IP index	Enclosure : IP54 Connectors: IP44
Shock resistance index	Enclosure : IK10 Display : IK09

Connectivity and HMI

Display	7" colour touch screen
Communication protocol	OCPP 1.5 and OCPP 1.6
Connectivity	3G (standard), LAN (option)
RFID	ISO14443A/B/B' (Mifare, Calypso, Desfire, NFC reader mode) Other features on demand
Remote maintenance	Observer® digital platform by DBT

Power supply

Input voltage	400V ±10%, 50Hz ±5%, 3P+N+T
Input power	46A
Nominal power	Up to 26kW
Power factor	> 0.97 (full load)
Electrical protection	Integrated MCBs and RDCs 30 mA Surge protector (standard)
Metering	Individual meter (standard) Individual MID meter (option)
Neutral point treatment	TT or TN-S

DC output

DC charging point	2
DC voltage	50 - 500V
DC current	Up to 70A Max
DC Power @400V	Up to 25kW
Efficiency (powerline)	95%
DC standards	CHAdeMO 0.9, CCS 2 (DIN70121:2014)
DC configuration	- 1 DC plug, CHAdeMO and/or CCS COMBO - 2 DC plugs non simultaneous
Cable	Usable length 2,5 meters

Compliances



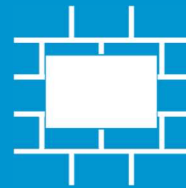
Non-contractual picture



DC charging



Easy maintenance



Wall-mounted or pole-mounted version




Made in France

WALLBOX DC CONFIGURATION

1. Plug configuration and DC power management

Ref. WDC-**XXX-X**-25-M-X-1-XXX

DC power configuration	Ref.
 1 DC type CHAdeMO	1 DC CHAdeMO plug with tethered cable 120-O
1 DC type CCS	1 DC CCS type 2 plug with tethered cable 122-O
	1 DC CHAdeMO plug with tethered cable 269-N
	1 DC CCS type 2 plug with tethered cable

DC power management



Mono DC

Ref. **O**

A unique charging point (CCS Combo or CHAdeMO) delivers 100% of the available DC power.

For mono standard configuration

Ref. **120 or 122**



Dual DC non-simultaneous

Ref. **N**

Two DC charging points (CCS Combo or CHAdeMO) with 2 cables. No simultaneous charge. One charging point delivers 100% of the available DC power.

For bi-standard configuration

Ref. **269**

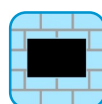
2. Installation

Ref. WDC-XXX-X-25-M-**X**-1-XXX



Pole-mounted version
DC Box delivered with pole

Ref. **P**



Wall-mounted version

Ref. **W**

3. Options

Réf. WDC-XXX-X-25-M-X-1-**XXX**

Metering and other electric options	Ref.
MID individual meter : MID certified metering of the consumption per charging point	Z1
LAN connection	I2
Customized printing : customized printing on the station for ultimate configuration	B

For any specific equipment, please contact us.