

DC WALLBOX

25kW DC RAPID CHARGER

CCS COMBO & CHAdEMO
charging output



In partnership with

ROLEC EV

STOCKED IN THE UK BY ROLEC

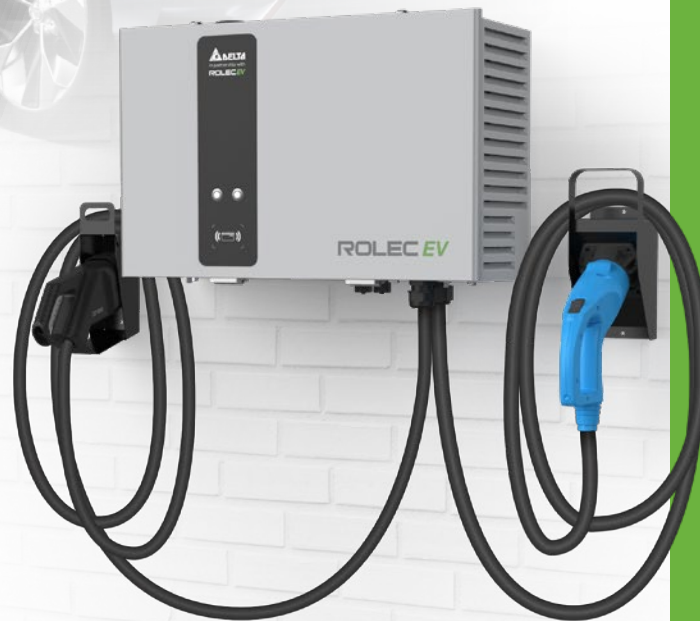


The 25kW **DC WallBox** rapid charger is a compact wall or pedestal mounted unit offering an entry level, low cost DC rapid charging solution ideal for fleets, taxi companies, commercial locations, busy offices, etc.

DC WallBox is available in both 1way & 2way configurations as follows:

- 1x CCS Combo Single Connection
- 1x CCS Combo + 1x CHAdEMO Dual Connection

The **DC WallBox** has a number of charge activation settings, including Free-to-Charge with optional Security Key Switch Control as well as Pay-to-Charge solutions, including smartphone and/or RFID Contactless Smartcard (Back Office Managed).



Unit shown: **DC WALLBOX CHARGER**
25kW 2way version

PRODUCT FEATURES

- CCS / CHAdEMO Combo charging outlet(s)
- 25kW DC Rapid charging output
- RFID card reader for user authentication
- 200-500Vdc CCS Combo output voltage range
- 50-500Vdc CHAdEMO output voltage range
- Key switch control
- 94% power efficiency
- **OCPP 1.6 compliant** (Can integrate with any back office)
- Emergency stop button
- 1way available with either 4m or 7m charge cable, 2way unit comes with 4m charge cables
- IEC 61000-3-12 compliant (harmonics)
- IP55 protection
- IK08 vandal-resistant casing

Chargepoint Management

Can be programmed to operate via the Rolec VENDELECTRIC back office management system.



See the VENDELECTRIC Overview for details



OCPP 1.6
Compliant



CHAdEMO Rapid
DC Connector



CCS Rapid
DC Connector



Key Switch
Control



IP Rated &
UV Stabilised



IK08 Impact
Rating

SPECIFICATIONS

PRODUCT OVERVIEW

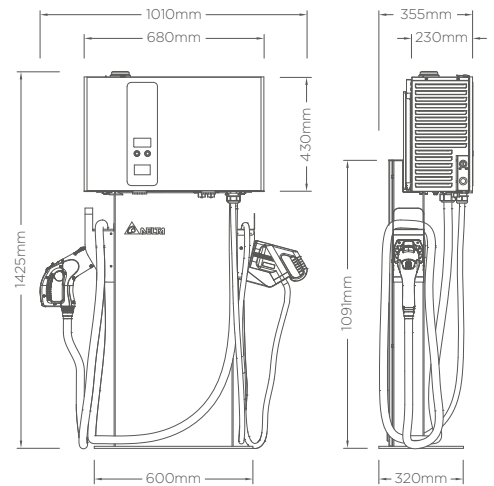
Product Code	Description
EVDC0050	1x CCS 4m
EVDC0060	1x CCS 7m
EVDC0030	1x CCS & 1x CHADEMO 4m
EVDC0040	Pedestal stand

TECHNICAL DATA

Power Input	
Input Rating	380-415 Vac; 50 / 60 Hz; Three-phase / L1, L2, L3, N, PE; 50A max 230 Vac; 50 / 60 Hz; Three-phase / L1, L2, L3, PE; 90A max
Grid Type	Support TN, TT and IT power grid.
Power Factor	> 0.98
Current THD	Compliant with IEC 61000-3-12
Efficiency	94% at nominal output power
Stand-by Consumption	< 20 W
Power Output	
DC Output #1	IEC CCS DC Level 2, 50-500 Vdc, 60A max., 25kW max.
DC Output #2	CHAdEMO, 50-500 Vdc, 60A max., 25 kW max.
Protection	
Protection	Over current, Under voltage, Over voltage, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	
Display	2.7" OLED screen
Support Language	English, French, German, Spanish (Other languages available upon request)
Push Buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
User Authentication	ISO/IEC 14443 Type A/B RFID
Communication	
Connectivity	OCPP 1.5S, 1.6J
Network Interface	Ethernet, Cellular
Environmental	
Operating Temperature	-30°C to +50°C (-22°F to +122°F)
Storage Temperature	-40°C to +85°C (-40°F to +185°F)
Humidity	< 95% relative humidity, non-condensing
Altitude	Up to 2,000 m (6,500 ft.)
Mechanical	
Ingress Protection	IP55
Enclosure Protection	IK10
Cooling	Forced air
Charging Cable Length	4 m (13 ft.) (standard) / 7 m (23 ft.) (optional for IEC CCS DC)
Dimension (W X H X D) / Weight	680 x 430 x 230 mm (27 x 17 x 9 inch) / 53kg (117lb), including 2 plugs and cables
Type Of Mounting	Wall-mount or optional stand
Regulation	
Certificate	CE
Compliance	CHAdEMO / IEC 61851-1 / IEC 61851-23

Note1 : Single output model is available.

Note2 : Specifications are subject to change without notice.



OPTIONS & ACCESSORIES

- Powder coated galvanised steel pedestal stand
- RFID Card / Fobs
- Corporate branding (colours, logo badge, etc.)
- Galvanised steel ground mounting base
- Protection barriers
- Charge point signage

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