

# 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 +RAPID CHARGER**  
25kW 2way version

## PRODUCT FEATURES

- CCS Combo charging outlet
- CHAdEMO charging outlet
- 25kW DC Rapid charging output
- RFID card reader for user authentication
- 200-500Vdc CCS Combo output voltage range
- 50-500Vdc CHAdEMO output voltage range
- 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)
- Power factor >0.98
- IP55 protection
- IK08 vandal-resistant casing

### Chargepoint Management

Can be programmed to operate via the Rolec EV CHARGE.ONLINE back office management system.



See the **EV CHARGE.ONLINE** 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

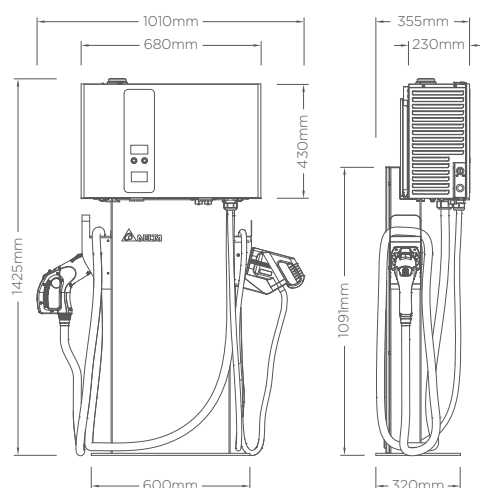
## SPECIFICATIONS

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

Power Input	
Input Rating	380 to 415 Vac; 50/60 Hz; Three-phase: L1, L2, L3, N, PE; 50 A max 230 Vac; 50 / 60 Hz; Three-phase: L1, L2, L3, PE; 90 A 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 to 500 Vdc, 60 A max., 25 kW max.
DC Output #2	CHAdEMO, 50 to 500 Vdc, 60 A 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 for user authentication
Communication	
Connectivity	OCPP 1.5S, 1.6J
Network Interface	Ethernet, Cellular
Environmental	
Operating Temperature	-30°C to +50°C (-22°F to +122°F) Derating from +50°C to +60°C (+122°F to +140°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	IK08
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 in.) / 43 kg (95 lb), excluding plug and cable
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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EVDCWBD-V05-R0 DC Wallbox Rapid EV - Data Sheet