

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:

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

The DC WallBox has a number of charge activation settings / operations, including:

- Free-to-Charge
- Security Key Switch Control
- 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
- Optional RFID contactless Smartcard operation
- 200-500Vdc CCS Combo output voltage range
- 50-500Vdc CHAdeMO output voltage range
- 94% power efficiency
- OCPP connectivity (GPRS/Ethernet/WiFi)
- 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
- CE certified



CHAdeMO Rapid
DC Connector



CCS Rapid
DC Connector



Key Switch
Control



RFID Key Fob/Card
Operated



Open Charge
Point Protocol



EMC
Certified



Conforms to
IEC 61851-1



IP55 Weather Proof
& UV Stabilised



IK08 Impact
Resistant



Nationwide Installation
& Maintenance



Branding
Options

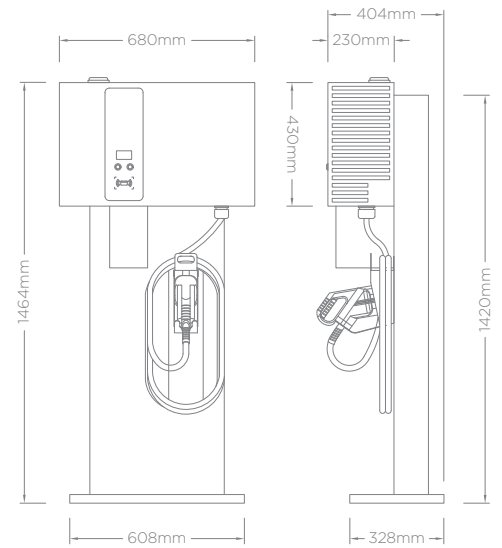


CE
Certified

SPECIFICATIONS

PHYSICAL

Dimensions	680mm x 430mm x 230mm (W x H x D)
Standard Body Colour	Grey (Optional branding available)
Outer Case Material	Powder coated galvanised steel
Weight	47kg (excluding plug and cable)



ELECTRICAL / COMMUNICATION / INTERFACE / COMPLIANCE

Power Input	Input Rating	400Vac; 50 / 60Hz; Three-phase / L1, L2, L3, N, PE
	Power Factor	> 0.98
	Current THD	Compliant with IEC 61000-3-12
	Efficiency	94%
Power Output	DC Output #1*	IEC CCS DC Level 2, 200-500 Vdc, 62A max., 25kW max. (Optional: SAE DC)
	DC Output #2	CHAdeMO, 50-500 Vdc, 60A max., 25 kW max.
Protection	Protection	Over current, Under voltage, Over voltage, Residual current, Surge protection, Short circuit, Over temperature, Ground fault
User Interface & Control	Display	2.7" OLED screen
	Support Language	English (Other languages available upon request)
	Push Buttons	Multi-functional buttons (LED light: Orange, Blue) / Emergency stop button (Red)
	Charge Options	Charge options to be provided upon request: Charge by duration, Charge by energy
Communication	User Authentication	ISO/IEC 14443 Type A/B RFID for user authentication
Environmental	Network Interface	Ethernet (standard); 3G (optional); Wifi (optional)
	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
Mechanical	Altitude	Up to 2000 m (6500 ft.)
	Ingress Protection	IP55
	Enclosure Protection	IK08 according to IEC 62262
	Cooling	Forced air
Regulation	Certificate Compliance	1way - 4m (13ft) or 7m (21ft) / 2way 4m (13ft)
Compatibility		UL, cUL, UL 2202, UL 2231, CE*
	Compatible vehicle brands	CHAdeMO / IEC 61851-1 / IEC 61851-23 CCS: BMW, GM, Volkswagen; CHAdeMO: Nissan, Toyota, Mitsubishi, Peugeot, Citroen

* SAE DC is optional

* CE certified in May, 2017

Specifications are subject to change without notice.

OPTIONS & ACCESSORIES

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



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Head office contact:
t: +44 (0) 1205 724754
f: +44 (0) 1205 724876
rolec@rolecserv.co.uk

Rolec Services Ltd
Ralphs Lane, Frampton West
Boston, Lincolnshire
UK. PE20 1QU

EVDCWB-02
@RolecEV
www.rolecserv.com