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)

**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

**Certifications & Options**

- CHAdeMO Rapid DC Connector
- CCS Rapid DC Connector
- Key Switch Control
- RFID Key Fob/Card Operated
- OCPP
- EMC Certified
- Conforms to IEC 61851-1
- IP55 Weather Proof & UV Stabilised
- IK08 Impact Resistant
- Nationwide Installation & Maintenance
- Branding Options
**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**
- 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
- User Authentication: ISO/IEC 14443 Type A/B RFID for user authentication

**Communication**
- Network Interface: Ethernet (standard); 3G (optional); Wifi (optional)

**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 2000 m (6500 ft.)

**Mechanical**
- Ingress Protection: IP55
- Enclosure Protection: IK08 according to IEC 62262
- Cooling: Forced air
- Charging Cable Length: 1way - 4m (13ft) or 7m (21ft) / 2way 4m (13ft)

**Regulation**
- Certificate Compliance: UL, cUL, UL 2202, UL 2231, CE*
- CHAdeMO / IEC 61851-1 / IEC 61851-23
- Compatibility: Compatible vehicle brands
  - CHAdeMO: Nissan, Toyota, Mitsubishi, Peugeot, Citroen

* SAE DC is optional
* CE certified in May, 2017

Specifications are subject to change without notice.

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**Standard Body Colour**
- Grey (Optional branding available)

**Outer Case Material**
- Powder coated galvanised steel

**Weight**
- 47kg (excluding plug and cable)

**Dimensions**
- 680mm x 430mm x 230mm (W x H x D)

**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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