

vec BOLT

DC Charger

DATA SHEET



Single gun
40kW

Dual gun
40kW



3 YEAR
PARTS &
LABOUR
GUARANTEE

Bolt into the future. Power up your potential with our DC rapid charger

With more than 1 in 10 new vehicles being electric, and the number rapidly rising each year, embracing EV has never been more important. Whether it's demand from your tenants, customers, employees, or visitors: the future is definitely electric. Fortunately, we're here to make embracing EV quick and seamless. We'll be with you every step of the way to find the right EV charger for your application. We also provide 48-hour engineer support after installation to give extra peace of mind. Whether it's a car park, public space, workplace, development site or even a theme park – we've got you covered.

Available in 1-way or 2-way configurations, our DC charger is a rapid EV charger that allows customers to top up their car by 80% in as little as an hour. Whether it's topping up while they shop, grab a coffee or head to a meeting, you'll benefit from a surge in foot traffic, increased dwell time, and the potential for a passive income stream with an optional Payter payment terminal. Whether you're looking to go greener, generate a new revenue stream, or even increase the value of your building, installing an EV charging station at your business can help you get there.

Product features

- Delivers 40kW of power for rapid charging
- Easy-to-use with an intuitive interface
- Easy to monitor with RFID, Payter, plug and play, or back-end system control for businesses
- 4G / WiFi / Ethernet connectivity
- Built-in over current and 6mA DC leakage protection
- OCPP 1.6J compliant
- Over-the-air updates and ongoing investment in technology
- 3-year warranty with option to extend
- Weatherproof up to IP54 protection
- Wall mount as standard, with options for charger base and Payter payment terminal
- Available in 1-way or 2-way configurations



Rapid charging

Our 40kW DC charger rapidly charges EVs & PHEVs in under 90 minutes.



Increased dwell time

Entice drivers to stay on-site longer while their car charges, boosting your foot traffic and overall spending.



Additional income source

Landlords and businesses can turn unused space into a passive income stream with an optional Payter payment terminal for additional return on investment.



Future proof

Our chargers include over-the-air updates, ensuring you're always getting the latest EV charging technology.



Easy to use

Our charger has an intuitive interface and clear instructions, making it simple to use for both you and your customers.



Warranty

Rest assured with a 3-year warranty covering parts and labour. Extend coverage with our optional Protect my Products plan.

| | Model: VEC40DC-S | Model: EVD-W40-CC |
|--|------------------|-------------------|
|--|------------------|-------------------|

Input
 Input voltage
 Input frequency
 Input amps/Per phase

260-480V AC
 50/60Hz
 60A

260-480V AC
 50/60Hz
 60A

Stand-by consumption
 Stand-by consumption

<30W

<30W

Output
 Number of charging points
 Charging mode
 Output voltage
 Max. output power
 Max output current
 Voltage accuracy
 Current accuracy
 Ripple coefficient
 THD
 Meeting accuracy
 Efficiency
 Cable length

CCS2×1
 Mode 4
 150-1000V DC
 40kw
 0-130A DC
 <±0.5%
 <±1%
 RMS: ±0.5%;Peak: ±1%
 ≤5%@50% ~ 100%full load
 0.5
 ≥ 95.2% (Full load)
 5m (Customised acceptable)

CCS2×2
 Mode 4
 150-1000V DC
 40kw
 0-130A DC
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 <±1%
 RMS: ±0.5%;Peak: ±1%
 ≤5%@50% ~ 100%full load
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 ≥ 95.2% (Full load)
 5m (Customised acceptable)

Protection

Over voltage
 Under voltage
 Over load
 Short circuit
 Over-temp
 TypeA RCBO
 Surge protection

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Connectivity

Communications protocol
 Communications interface
 Authentication

OCPP 1.6 JSON
 Ethernet connection •
 Integrated 4G;wifi •
 RFID •
 QR code •

OCPP 1.6 JSON
 Ethernet connection •
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| | | |
|--|-------------------------|--------------------------|
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|--|-------------------------|--------------------------|

Function & Accessory

| | | |
|----------------------------|---|---|
| TFT Color touch display 7" | • | • |
| LED Indicator light | • | • |
| Emergency stop button | • | • |
| Ambient lighting | • | • |

Working Environment

| | | |
|------------------------------|--|--|
| Protection degree | IP54 | IP54 |
| Environment temperature | -20~55°C | -20~55°C |
| Rated power | 40kW(MAX) | 40kW(MAX) |
| Cooling | Forced air cooling | Forced air cooling |
| Relative humidity | 5%-95% non-condensing | 5%-95% non-condensing |
| Altitude | 2,000 m | 2,000 m |
| Housing material | Powder coating of electroplating board | Powder coating of electroplating board |
| Noise emission | <65db | <65db |
| Storage temperature | -40~70°C | -40~70°C |
| Mechanical impact resistance | IK10 | IK10 |

Mechanical & Mounting

| | | |
|------------------|-----------------|-----------------|
| Dimension(W×D×H) | 650×270×760(mm) | 650×270×760(mm) |
| Weight | 65kg | 75kg |
| Mounting | Wall Mounted | Wall Mounted |

Standard

| | | |
|-------|---|---|
| CE | DIN EN 61851-1 DIN EN 61851-23 DIN IEC/TS 61439-7 | DIN EN 61851-1 DIN EN 61851-23 DIN IEC/TS 61439-7 |
| RoHS | • | • |
| REACH | • | • |

You may also like...

Our 22kW untethered domestic charger, or our 22kW pedestal charger



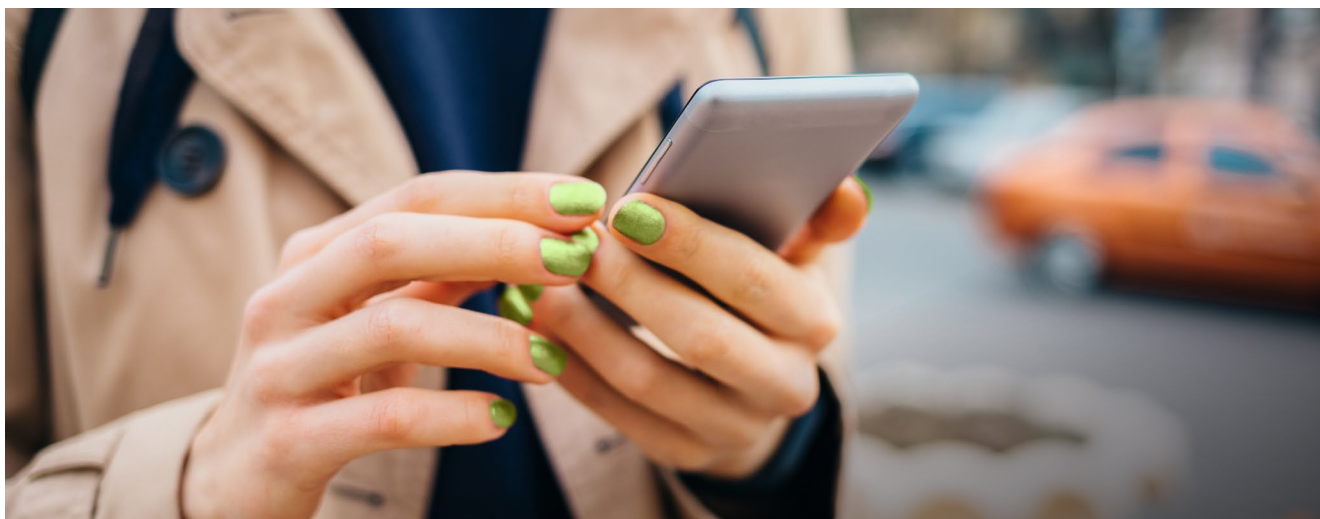
VEC02 Untethered 22kW EV Charger

- ✓ Compatible with Type 1 & Type 2 EVs
- ✓ Tough & Durable
- ✓ Easy to setup and control via the evec app



EDP02 22kW Pedestal EV Charger

- ✓ Customisable
- ✓ Light for better visibility
- ✓ Tough & Durable



Monetise your charger today

- ✓ Monetise your home or business charge points easily and charge £/kWh or £/min
- ✓ Monitor users, usage, pricing and access via our backend partners



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