

# vec BOLT

40kW DC Charger

DATA SHEET





**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.

Our 40kW 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
- 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



### 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**

**Input**

Input voltage	260-480V AC
Input Frequency	50/60Hz
Input Amps/Per Phase	60A

**Stand-by Consumption**

Stand-by Consumption	<30W
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**Output**

Number of Charging Points	CCS2×1
Charging Mode	Mode 4
Output voltage	150-1000V DC
Max. output power	40kw
Max output current	0-130A DC
Voltage Accuracy	<±0.5%
Current Accuracy	<±1%
Ripple Coefficient	RMS: ±0.5%;Peak: ±1%
THD	≤5%@50% ~ 100%full load
Meeting Accuracy	0.5
Efficiency	≥ 95.2% (Full load)
Cable Length	5m (Customised acceptable)

**Protection**

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

**Connectivity**

Communications Protocol	Ocpp 1.6 JSON	
Communications Interface	Ethernet connection	•
	Integrated 4G;wifi	•
Authentication	RFID	•
	QR code	•

**Model: VEC40DC-S**

**Function & Accessory**

- TFT Color Touch Display 7" •
- LED Indicator Light •
- Emergency Stop Button •
- Ambient Lighting •

**Working Environment**

Protection Degree	IP54
Environment temperature	-20~55°C
Rated Power	40kW(MAX)
Cooling	Forced air cooling
Relative Humidity	5%-95% non-condensing
Altitude	2,000 m
Housing Material	Powder coating of electroplating board
Noise Emission	<65db
Storage Temperature	-40~70°C
Mechanical Impact Resistance	IK10

**Mechanical & Mounting**

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

**Standard**

- CE 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



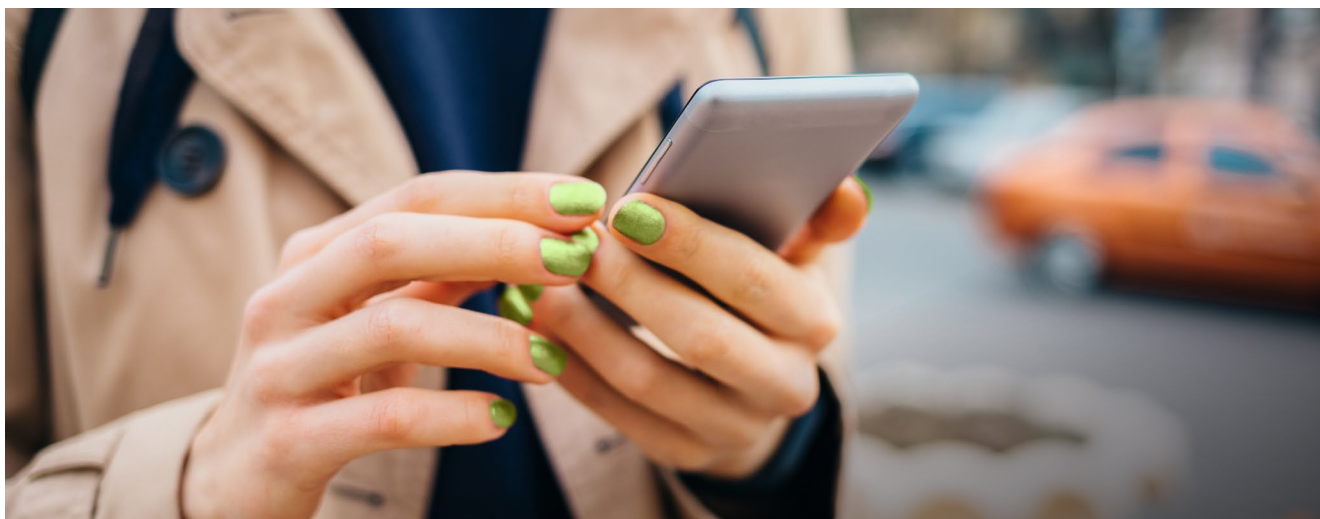
**VEC02 Untethered 22kW  
EV Charger**

- ✓ 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



[www.evec.co.uk/commercial-chargers](http://www.evec.co.uk/commercial-chargers)

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