

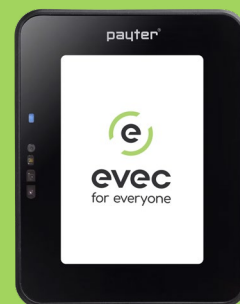
vec SPRINT

EV Pedestal Charger

Data sheet



evec
for everyone



**Optional add on:
Payter Contactless
Card Payment Terminal**

Get your business electric-ready with the UK's most affordable EV pedestal 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 OCPP compliant pedestal is compatible with any electric vehicle. It can be controlled multiple ways including plug & play, via pay-to-charge solutions* or via our evec app. The charger's integrated LED light also gives users great visibility of the charge point and bays – even on those dark winter nights. Plus, with next day delivery available on our pedestal range, upgrading has never been quicker.

Available in 1-way or 2-way versions and up to 22kW superfast charging.

*pay-to-charge is powered by Monta.



www.evec.co.uk
0161 2496 780 | sales@evec.co.uk

8 Coronet Way, Salford,
Manchester, M50 1RE



Product features

Control via plug & play, mobile app, or our backend partners

RFID included as standard

Choose from 1 or 2 way universal charging socket(s)

Available up to 7.4kW or 22kW charging output(s)

Conforms with PAS 1899 accessible charging standard

Over-the-air firmware / software updates

LCD screen

MID-approved energy metering

Robust design IP55 / IK10 rated

Built-in over current and 6mA DC leakage protection

Built-in PEN protection

OCPP 1.6J SON compliance

Integrated light strip for visibility

4G / Wi-Fi / Ethernet connectivity

Optional Payter payment terminal available

Root and ground mount barriers available

Supports dynamic load balancing

3 year warranty as standard with option to extend



Accessible charging

Conforms with PAS 1899 accessible charging standard when installed at a specific height, LCD screen with easy instructions.



OZEV approved

Secure a grant of up to £14,000 (£350 per socket) for up to 40 charge points with the OZEV workplace charging scheme.



Dynamic Load Balancing

Optimise your charger power, the dynamic way. Remove the risk of overloading your electricity feed and allocate power to deliver charging based on real time demand.



Easy to use

Control your charger easily via our mobile app, plug & play, vecPAY or via your preferred backend partner



Safe

Our chargers include PEN protection, security breach notifications, and over-the-air updates, ensuring comprehensive security and convenience.



Warranty

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

Model: ESP01-N		Model: ESP02-N	
Item	1x7.4KW sockets	1x22KW sockets	
Input			
Power Supply	1P+N+PE	3P+N+PE	
Rated Voltage	AC220 ~ 240V	AC380 ~ 450V	
Rated Current	32A	32A	
Output			
Output Voltage	AC220 ~ 240V	AC220 ~ 240V	
Maximum Current	32A (16A, 13A, 10A Adjustable)	32A (16A, 13A, 10A Adjustable)	
Rated Power	7.4KW (MAX)	22KW (MAX)	
Features			
Charger Connector	Type 2 sockets	Type 2 sockets	
Material	Galvanised sheet powder-coated metal housing	Galvanised sheet powder-coated metal housing	
Colour	Black	Black	
4G Router	✓	✓	
4G Data Plan	Optional add on (£60+VAT/Annum)	Optional add on (£60+VAT/Annum)	
O-PEN	✓	✓	
4.3 Inch LCD	✓	✓	
3 Colour LED	✓	✓	
OCPP1.6 Ethernet	✓	✓	
Electronic Locks	✓	✓	
Pile Lamp	✓	✓	
RFID	✓	✓	
MID Meter	Optional add on	✓	
evec App	✓	✓	
Card Payment Terminal*	Optional add on	Optional add on	
Safety			
Ingress Protection	IP55	IP55	
Impact Protection	IK10	IK10	
Over Current Protection	✓	✓	
Residual Current Protection	AC30mA, DC6mA	AC30mA, DC6mA	
Ground Protection	✓	✓	
Surge Protection	✓	✓	
PEN Protection	✓	✓	
Over/Under Voltage Protection	✓	✓	
Over Temperature	✓	✓	
Certification	CE / UKCA	CE / UKCA	
Certification Standard	EN IEC 61851, EN 62196	EN IEC 61851, EN 62196	
Environment			
Installation	Floor mounted	Floor mounted	
Mounting Options	Ground base included	Ground base included	
Work Temperature	‘-25°C ~ 50°C	‘-25°C ~ 50°C	
Work Humidity	3% ~ 95%	3% ~ 95%	
Work Altitude	<2000m	<2000m	
Accessibility Standard	PAS 1899	PAS 1899	
Package			
Product Dimensions (mm)	H1200, W250, D250	H1200, W250, D250	
Net Weight (kg)	31.4	32.6	

*Enquire for details, additional charges may apply when using external providers.

Model: EDP01-N		Model: EDP02-N	
Item	2x7.4KW sockets		2x22KW sockets
Input			
Power Supply	1P+N+PE		3P+N+PE
Rated Voltage	AC220 ~ 240V		AC380 ~ 450V
Rated Current	63A		63A
Breaker	80A		80A
Output			
Output Voltage	AC220 ~ 240V		AC220 ~ 240V
Maximum Current	2x32A (16A, 13A, 10A Adjustable)		2x32A (16A, 13A, 10A Adjustable)
Rated Power	2x7.4KW (MAX)		2x22KW (MAX)
Features			
Charger Connector	Type 2 sockets		Type 2 sockets
Material	Galvanised sheet powder-coated metal housing		Galvanised sheet powder-coated metal housing
Colour	Black		Black
4G Router	✓		✓
4G Data Plan	Optional add on (£60+VAT/Annum)		Optional add on (£60+VAT/Annum)
O-PEN	✓		✓
4.3 Inch LCD	✓		✓
3 Colour LED	✓		✓
OCPP1.6 Ethernet	✓		✓
Electronic Locks	✓		✓
Pile Lamp	✓		✓
RFID	✓		✓
MID Meter	Optional add on		✓
evec App	✓		✓
Card Payment Terminal*	Optional add on		Optional add on
Safety			
Ingress Protection	IP55		IP55
Impact Protection	IK10		IK10
Over Current Protection	✓		✓
Residual Current Protection	AC30mA, DC6mA		AC30mA, DC6mA
Ground Protection	✓		✓
Surge Protection	✓		✓
PEN Protection	✓		✓
Over/Under Voltage Protection	✓		✓
Over Temperature	✓		✓
Certification	CE / UKCA		CE / UKCA
Certification Standard	EN IEC 61851, EN 62196		EN IEC 61851, EN 62196
Environment			
Installation	Floor mounted		Floor mounted
Mounting Options	Ground base included		Ground base included
Work Temperature	-25°C ~ 50°C		-25°C ~ 50°C
Work Humidity	3% ~ 95%		3% ~ 95%
Work Altitude	<2000m		<2000m
Accessibility Standard	PAS 1899		PAS 1899
Package			
Product Dimensions (mm)	H1200, W250, D250		H1200, W250, D250
Net Weight (kg)	31.4		32.6

*Enquire for details, additional charges may apply when using external providers. **When installed at the specified height.

Accessories also available...



Root Mounted Protection Barrier

- ✓ Galvanised steel powder coated pedestal barrier
- ✓ Product dimensions: L800, H1000, W48.3 (mm)
- ✓ Product weight: 9.4kg



Ground Mounted Protection Barrier

- ✓ Galvanised steel powder coated pedestal barrier
- ✓ Product dimensions: L800, H750, W48.3 (mm)
- ✓ Product weight: 7.7kg



Office for
Zero Emission
Vehicles



Scan here for
more details on
the OZEV Grant

The Office for Zero Emission Vehicles (OZEV) has provided the EV Infrastructure Grant to support small-to-medium-sized businesses with no more than 249 employees.

- For new non-residential buildings that have more than 10 parking spaces, at least one EV charge point and cable routes must be installed for 20% of the total number of spaces
- The maximum amount of the grant is £15,000
- Up to £350 per charge point socket
- Up to £500 per parking space enabled with supporting infrastructure

Optional add-on

Optimise your charging capacity, the **dynamic** way

The evec Dynamic Load Balancing (DLB) kit is a charger load-sharing add-on that automatically optimises the distribution of power across your chargers. Delivering power to the right charger, at the right time, automatically. The DLB kit takes manual load-sharing out of the equation and ensures that available power is shared to meet real demand, without ever overloading your network.



Ideal for:

- EV charging capacity management
- Limited power supply applications
- EV fleet management
- Private residential developments
- Car parks

Which chargers is this available for?

The DLB kit is available across all our AC models, including home chargers, commercial wall-mounted chargers, and all pedestal chargers.

Please note: All chargers within the same DLB setup must be the same model. Mixing different charger models within a single DLB configuration is not currently supported.

What's included?

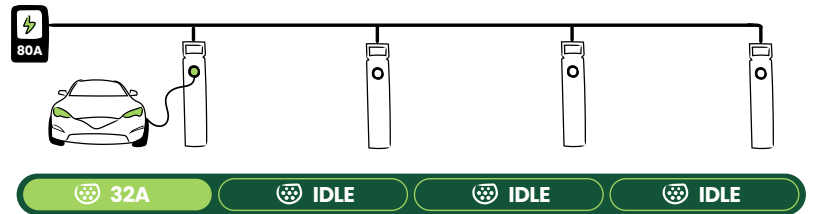
- ✓ CT Clamps 400A/40mA
- ✓ Connector Seats with 120 ohms resistance for first and last charger
- ✓ Wire Connectors for chargers in between the first and last charger

Dynamic Load Balancing example:

Emily manages a hotel car park and has 4 evec 22kW pedestals installed. The site has 80A of total power available for EV charging. Our dynamic load balancing system distributes the power efficiently, so multiple cars can charge without overloading the system.

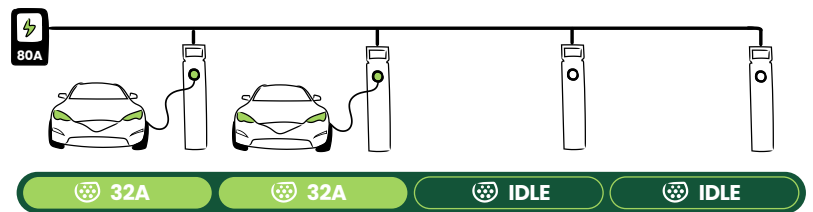
1. Vehicle A arrives to charge

Full power is available, so it gets a full charge.



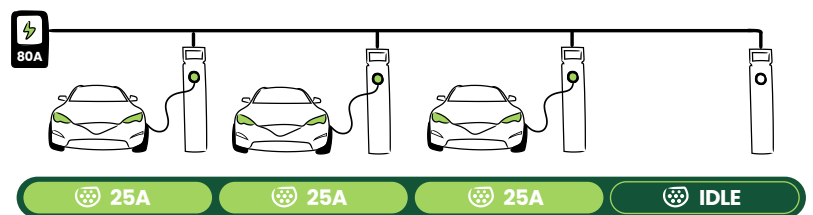
2. Vehicle B arrives to charge

Power is now shared between A and B, so both receive equal charge.



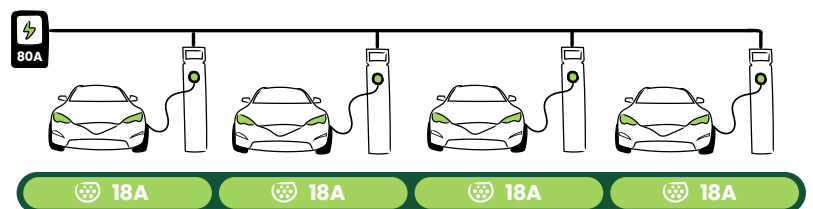
3. Vehicle C arrives to charge

The system adjusts, splitting power evenly between A, B, and C.



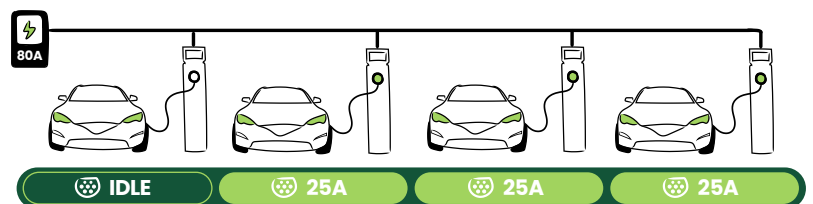
4. Vehicle D arrives to charge

Now, all four cars share the available power.



5. Vehicle A reaches full charge

It stops charging, and the system redistributes power among the remaining vehicles.



Key things to know:

- A full charge session will be limited to either the cable's max or the chargepoint's max—whichever is lower
- Remaining power is shared equally among active chargers, with a minimum of 6A each
- If power gets too high, some cars charging at full power will be reduced, so everything balances out

Optional add-on



Simple, contactless EV charging payments for businesses. That's **vecPAY**.

Stay compliant. Keep it simple. Get charging.

vecPAY is your all-in-one solution for contactless EV charging payments—designed for businesses that need a simple, cost-effective, and scalable system. Whether you operate a retail park, hotel, car park, or commercial estate, vecPAY provides a seamless charging experience that meets the new regulations, attracts customers, and simplifies your operations.

Why do you need vecPAY?

With the Government's regulations in place from November 2024, all public commercial EV chargers must support contactless payments. With vecPAY, customers can tap and go using their card, phone, or smartwatch—no apps, no hassle.



Product features

✓ Easy contactless

Plug in, tap, and go: No apps, no hassle – just tap with your preferred contactless payment method.

✓ Manage multiple charge points

One vecPAY terminal can control up to 10 charge points at once*, cutting down on hardware and costs while maintaining a clean, efficient setup.

✓ Customisable and scalable

Choose between wall-mounted or pedestal options to fit any site, from multi-storey car parks to forecourts.

✓ Full control via Monta

Remotely set pricing, manage payments, track usage, and generate reports, all from one place.

*Available to connect to more chargers on request **Additional charges may apply

vecPAY Floor Mounted

The floor-mounted version of vecPAY is a sleek, free-standing pedestal. With built-in lighting for added safety, charging is simple and secure, even in low-light conditions.



vecPAY Wall Mounted

The wall-mounted version is ideal for locations where you've already got existing walls like multi-storey car parks, or areas with limited floor space. Since it attaches directly to the wall, there's no need for digging or major groundwork, which makes installation quicker, less disruptive, and more cost-effective.



You may also like...

Meet our **wall mounted** range of commercial chargers. Available up to 22kW.

Explore now at evec.co.uk/commercial-ev-chargers



VEEC02 Untethered 22kW EV Charger

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



VEEC04 Tethered 22kW EV Charger

- ✓ Commercial charger with a tethered cable
- ✓ Tough & durable
- ✓ Easy to setup and control via the evec app



www.evec.co.uk/pedestal-charger

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