NEW MODELS

ROLEC*EV*

PRODUCT CATALOGUE

Electric vehicle charging solutions

ROLEC*EV*

As the desire and demand for greener modes of transport and charging infrastructure increases, ROLEC EV remains one of the largest manufacturers and suppliers of EV charging points, with purpose built domestic, commercial and public charging solutions.

Contents

Types of electric vehicles

Car Type	Battery	Plug-in	Fuel
Battery Electric Vehicle (BEV) Powered solely by an electric battery which is charged by plugging into an electrical socket. Clean energy producing zero carbon emissions.	✅	✅	
Hybrid Electric Vehicle (HEV) Combination of conventional combustion engine assisted by electrical motor and batteries. All energy still comes from fuel, but generally more economical.	✅		✅
Plug-in Hybrid Electric Vehicle (PHEV) This type of Hybrid has larger batteries and electric motor, and can be plugged-in to charge as well as charging on the move.	✅	✅	✅

Types of charging connectors

AC CHARGING CONNECTORS

Type 1 — A five-pin plug, which is common for American & earlier Asian vehicles, it's a single-phase plug and can charge at a speed of up to 7.4kW.

Type 2 — A seven-pin plug, typically found on most European and Asian vehicles from 2018 onwards, it's a triple-phase plug, enabling you to charge your car at a speed of up to 22kW at home and up to 43kW at public charging stations.

DC CHARGING CONNECTORS

CCS2 — This is an enhanced version of the Type 2 plug, with two additional power contacts for the purposes of rapid charging. It supports AC and DC charging. It allows up to 350kW charging speed.

CHAdeMO — This connector allows high charging capacities as well as bidirectional charging. Currently, Asian car manufacturers are offering EVs with a CHAdeMO plug, allowing charging up to 100kW.

AC & DC charging
What's the difference?

AC Charging
Alternating Current

Batteries on electric vehicles are powered by DC (Direct Current). An AC charger uses power from the grid which is supplied in AC (Alternating Current), which is then converted to DC by the vehicles on-board charger. Although charging speeds can be limited due to size constraints.

DC Charging
Direct Current

A DC charger supplies power directly to the battery management system (BMS) inside the vehicle, with no on-board charging infrastructure needed inside the vehicle. Higher power can be supplied meaning charging times can be considerably faster.

Charging speed comparison

	AC CHARGING			DC CHARGING	
	SLOW Mode 2 / 3	**FAST** Mode 3	**SUPERFAST** Mode 3	**RAPID** Mode 4	**ULTRA FAST** Mode 4
Connector Type	UK 3-Pin Type 1 Type 2	Type 1 Type 2	Type 2	CHAdeMo CCS2	CCS2
Power	2.4 – 3.7kW	7.4kW	11 – 22kW	50 – 100kW	150 – 350kW
Range added per hour	7 – 11mph	23mph	33mph[†]	150 – 215mph	320 – 420mph[†]
Time to charge	From 0% – 100% charge: 24 – 38h 30m	12h	8h 15m[†]	From 10% – 80% charge: 37 – 70m	25 – 30m[†]
Typical Application	Home	Home Workplace Shopping Centres Car Parks	Home Workplace Shopping Centres Car Parks Fleets	Workplace Shopping Centres Highways Motorways Fleets	Shopping Centres Highways Motorways Fleets

Charging times based on the Tesla Model Y Long Range Dual Motor 75kWh. Actual charging times may vary

[†] = Limited by on-board charger, vehicle cannot charge faster

Source: Electric Vehicle Database https://bit.ly/3JPNdMi

On-board charger

BMS Li-ion battery

Market sectors

As the UK prepares for a net-zero future, ROLEC EV plays a pivotal role in ensuring that both EV drivers and businesses are equipped for the nation's electrification plans. With over 15 years of experience in the electric vehicle charging industry and over 360,000 public and private chargepoints manufactured and installed, ROLEC EV continues to serve the industry with its innovations in charging hardware and software.

Offering the UK's largest range of AC fast & DC rapid charging points, ROLEC EV customers benefits from cost-effective, quality products that are suited to their requirements. From EV charging solutions for the home, commercial locations, workplaces and fleets, ROLEC EV has the reputation for delivering cost-effective, scalable solutions to suit all requirements.

Homes

HOUSES

FLATS

RENTAL

NEW BUILDS

PRIVATE GARAGES

PARKING SPACES

Did you know that 80% of electric vehicle charging is done at home? That's because charging at home is the most cost effective and convenient way to charge your plug-in vehicle.

Businesses

WORKPLACE

COMMERCIAL

DEVELOPMENT

RESIDENTIAL

DESTINATION

FLEET

By setting chargepoint user tariffs it is easy for businesses recoup their costs from their electric vehicle charging points, whilst also maximising chargepoint return on investment.

QUBEV SMART

This intelligent, modern yet low-cost unit has been designed to provide electric vehicle drivers with an affordable home charging solution, without compromising on quality.

Paired with the QUBEV Smart app, EV drivers have full control of scheduling charging sessions, solar matching ECO mode and much more. EV drivers can enjoy a seamless charging experience, ensuring their vehicle will be ready for the next electric adventure.

- Universal charging socket or Type 2 tethered lead
- Up to 7.4kW or 22kW charging output
- Adjustable power rating – 10A, 13A, 16A & 32A
- Free QUBEV Smart Wi-Fi app
- Scheduled / off-peak charging
- Solar compatible (single phase models only)
- PME fault and residual current protection (AC 30mA Type A, DC 6mA)
- Dynamic load balancing (CT clamp(s) & cable(s) included)
- OCPP 1.6 compliant
- Built-in LED charging status indicator
- UK Smart Charge Point Regulations Compliant including tamper security
- Wi-Fi / Ethernet connectivity
- Strong and durable IP54 / IK08 rated
- Corrosion and fire resistant
- CE and UKCA certified
- Easy to install and maintain
- Wall or post mounting options
- OZEV grant fundable
- 3 Year Warranty

UK's **most affordable** home EV charger

QUBEV SMART PRODUCT OVERVIEW

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	EVON0090
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	EVON0100
1x Type 2 5m tethered lead**	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	EVON0095
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	EVON0105

*Chargepoint will downrate if the input supply is lower than the maximum charging output

**Tethered cables are approximately 5m total length

QUBEV Smart App

Charging modes:
- Plug & charge
- ECO (solar)
- Scheduled

View charging state

Solar compatible

Schedule charging

Multi user access

Monitor usage

Full charging history

Fault notifications

Security log & alerts

GET IT ON Google Play

Download on the App Store

200mm

113mm

330mm

132mm

Accessories:

NEW Rolec universal mounting post (fits up to 2 chargers)
EVFP0035

QUBEV Smart plate for mounting post
EVFP0050

NEW QUBEV Smart tethered holster plate for mounting post
EVFP0090

120A up to 35mm² CT clamp with 5m cable
ACSR0380

More accessories on page 64

ZURA

Sleek, innovative, powerful. ZURA has been designed and manufactured to suit both commercial and domestic charging requirements. ZURA is complete with never-seen-before customisable aesthetics and is packed with the most-wanted features. Choose from single or dual outlet models. Single outlet units can be upgraded to dual in the future (single phase models only).

- Plug & charge, mobile app or RFID controlled charging
- 1x or 2x universal charging socket(s) or Type 2 tethered lead(s)
- Up to 7.4kW or 22kW charging output(s)
- PME fault detection (no earth rod required)
- Dynamic load balancing (CT clamp & cable included*)
- Solar PV, battery storage or domestic wind turbine integration
- OCPP 1.6 compliant (can integrate with any back-office)
- Over-the-air firmware / software updates
- AC 30mA Type A & DC 6mA protection**
- Dual tamper and breach security notification
- Cable lock security feature (can be permanently locked by user)
- MID-approved energy metering
- 4G / Wi-Fi / Ethernet connectivity
- Strong and durable IP54 / IK08 rated
- Independent back plate for easy wall or post mounting
- OZEV grant fundable
- 3 Year Warranty

Designed & Manufactured in the UK

ROLEC*EV*

*Single Phase models only, Three Phase models require optional CT kit ACSR0325

**DC 6mA protection for single outlet models

14

15
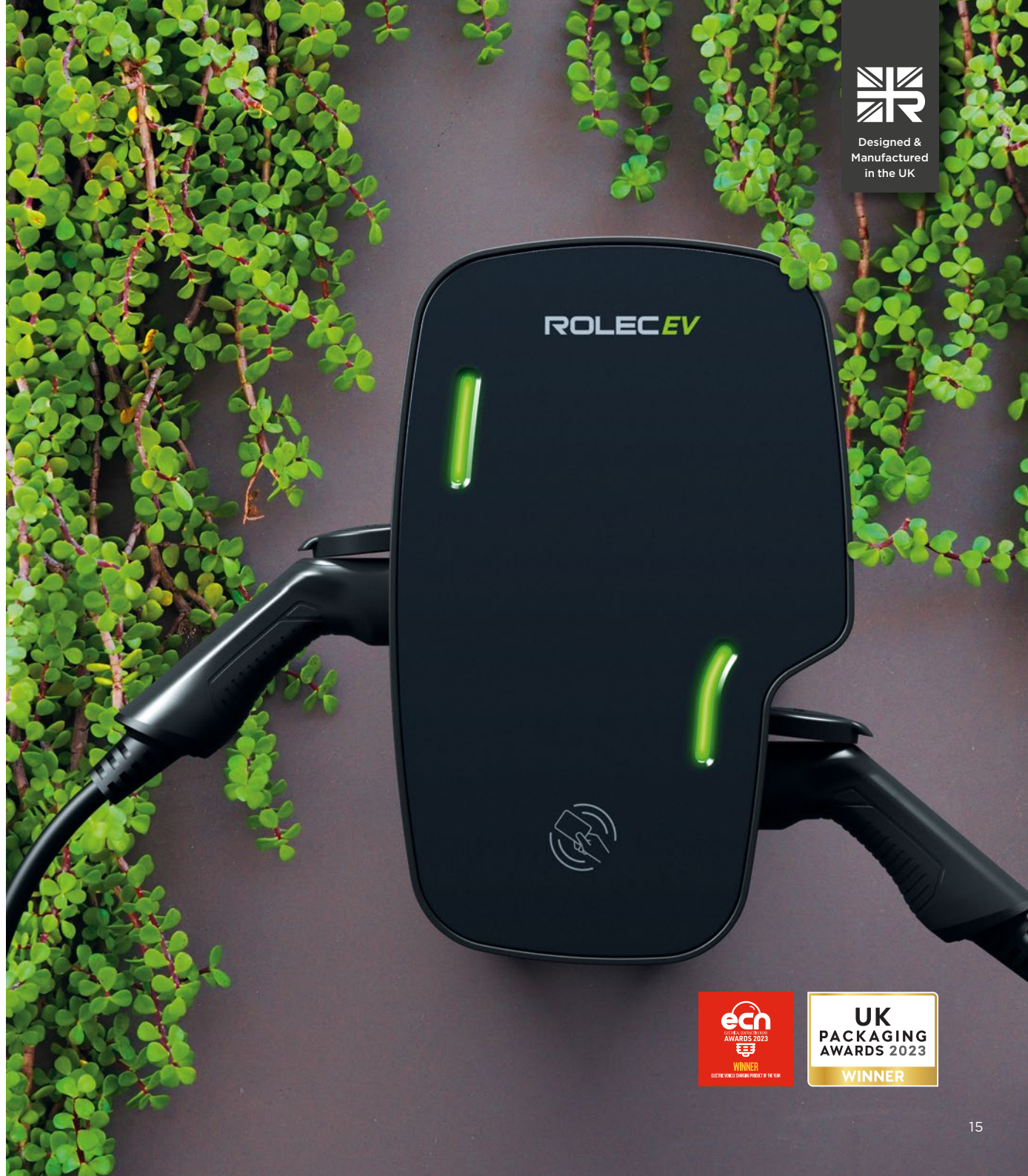
ZURA PRODUCT OVERVIEW

Connection Type	Charging Output	Input Supply	Fascia Colour	Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3020B
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC3046B
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3030B
1x Type 2 5m tethered lead**	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3140B
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC3156B
2x Type 2 5m tethered leads**	Up to 7.4kW (32A) per tethered lead	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3150B
1x Type 2 10m tethered lead**	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3145B
2x Type 2 10m tethered leads**	Up to 7.4kW (32A) per tethered lead	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3155B

*Chargepoint(s) will downrate if the input supply is lower than the maximum charging output

**5m tethered leads (approx. 4.5m external) 10m tethered leads (approx. 9.5m external)

157mm 260mm 410mm

Personalise your ZURA chargepoint

For those interested in customisation or aesthetics, this is the perfect solution for you. Whether it's your company branding, favourite place, colour or an image of your pet, the choice is entirely yours. Contact ROLEC EV for more details.

Customisable fascias for both

HOMES *AND* BUSINESSES

Accessories:

NEW Rolec universal mounting post (fits up to 2 chargers)
EVFP0035

NEW Tethered holster plate for mounting post
EVFP0080

20A Single phase EV consumer unit with Type A RCBO
EVIN0010

40A Single phase EV consumer unit with Type A RCBO
EVIN0015

20A Three phase EV consumer unit with Type A RCBO
EVIN0070

40A Three phase EV consumer unit with Type A RCBO
EVIN0075

100A up to 35mm² screened CT clamp with 10m cable
ACSR0125

NEW 3x 100A up to 35mm² screened CT clamps with 10m cables for Three Phase Zura
ACSR0325

NEW TAP & CHARGE Remote payment terminal
ROLEC5000

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors
ACSR0520

NEW Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors
ACSR0530

More accessories on page 64

WALLPOD

Fitted with the latest smart technology, this charging unit allows the everyday EV driver to embark on their electrified, sustainable adventures all within the tap of a finger.

If you're looking for a charger for your home or business that's affordable and easy to use, this may be the perfect solution for you.

- Plug & charge, mobile app or RFID controlled charging
- Universal charging socket or Type 2 tethered lead
- Up to 7.4kW charging output
- PME fault detection (no earth rod required)
- Dynamic load balancing (CT clamp & cable included)
- Solar PV, battery storage or domestic wind turbine integration
- OCPP 1.6 compliant (can integrate with any back-office)
- Over-the-air firmware / software updates
- Built-in 6mA DC leakage protection
- Dual tamper and breach security notification
- Cable lock security feature (can be permanently locked by user)
- MID-approved energy metering
- 4G / Wi-Fi / Ethernet connectivity
- Strong and durable IP54 / IK10 rated
- Wall or post mounted
- OZEV grant fundable
- 3 Year Warranty

Designed & Manufactured in the UK

WALLPOD PRODUCT OVERVIEW

Connection Type	Charging Output	Input Supply	Unit Colour		Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Grey		ROLEC4020G
			○ White		ROLEC4020W
			● Black		ROLEC4020B
1x Type 2 5m tethered lead**	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Grey		ROLEC4140G
			○ White		ROLEC4140W
			● Black		ROLEC4140B
1x Type 2 10m tethered lead**	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Grey		ROLEC4145G
			○ White		ROLEC4145W
			● Black		ROLEC4145B

*Chargepoint(s) will downrate if the input supply is lower than the maximum charging output

**5m tethered leads (approx. 4.5m external) 10m tethered leads (approx. 9.5m external)

179mm   142mm

367mm

Accessories:

NEW Rolec universal mounting post (fits up to 2 chargers) **EVFP0035**

WallPod plate for mounting post **EVFP0040**

NEW Tethered holster plate for mounting post **EVFP0080**

NEW TAP & CHARGE Remote payment terminal **ROLEC5000**

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors **ACSR0520**

More options on page 64

SECURICHARGE

The SECURICHARGE is a robust wall-mounted solution for busy environments with its heavy-duty and vandal-resistant features. It is also a space-saving alternative to a charging pedestal.

A popular choice for exposed or enclosed car parks, this EV charging unit is designed to provide a long-lasting solution for the future of electrified transport.

- Plug & charge, app, contactless payment (model dependant), or RFID controlled charging
- Choose from 1x or 2x universal charging socket(s)
- Up to 7.4kW or 22kW charging output(s)
- PME fault detection (no earth rod required)
- Supports dynamic load balancing & static load management
- OCPP 1.6 compliant (can integrate with any back-office)
- Over-the-air firmware / software updates
- Built-in AC overload & fault current protection (RCBO)
- Built-in 6mA DC leakage protection
- Dual tamper and breach security notification
- Lockable front access door (model dependant)
- 5" LCD Screen (model dependant)
- Cable lock security feature (can be permanently locked)
- MID-approved energy metering
- 4G / Wi-Fi / Ethernet connectivity
- Conforms with PAS 1899 accessible charging standard*
- Strong and durable IP54 / IK10 rated
- Independent back plate for easy wall or post mounting**
- OZEV grant fundable
- 3 Year Warranty

Designed & Manufactured in the UK

NEW MODELS

Contactless payment terminal, LCD display screen, and tethered models available upon request

*When installed at the specified height

**Independent back plate included as standard on models with front access door

SECURICHARGE PRODUCT OVERVIEW

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code

SECURICHARGE – Standard Features:

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC0111B
			● Grey	ROLEC0111G
			○ White	ROLEC0111W
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC0113B
			● Grey	ROLEC0113G
			○ White	ROLEC0113W
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC0121B
			● Grey	ROLEC0121G
			○ White	ROLEC0121W
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC0123B
			● Grey	ROLEC0123G
			○ White	ROLEC0123W

Standard features

NEW Contactless payment terminal

NEW LCD screen & contactless payment terminal

NEW LCD screen

NEW Tethered models available upon request

NEW   SECURICHARGE – Including LCD Screen & Contactless Payment Terminal:

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3111B
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC3113B
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3121B
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC3123B

NEW   SECURICHARGE – Including LCD Screen:

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC2111B
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC2113B
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC2121B
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC2123B

NEW   SECURICHARGE – Including Contactless Payment Terminal:

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC1111B
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC1113B
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC1121B
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC1123B

*Chargepoint(s) will downrate if the input supply is lower than the maximum charging output

SECURICHARGE MODEL COMPARISON

	SECURICHARGE with LCD screen & contactless payment terminal	SECURICHARGE with LCD screen	SECURICHARGE with contactless payment terminal	SECURICHARGE with standard features
Plug & charge operation	✓	✓	✓	✓
Mobile app operation	✓	✓	✓	✓
RFID card/fob operation	✓	✓	✓	✓
Contactless payment terminal	✓		✓	
5" LCD screen	✓	✓		
Lockable front access door	✓	✓	✓	Optional
Wall/post mounting plate	✓	✓	✓	
Charging speeds (Max. kW)	7.4 | 21	7.4 | 21	7.4 | 21	7.4 | 21
No. of charging outputs	1x | 2x	1x | 2x	1x | 2x	1x | 2x
Colour options	● 🌈	● 🌈	● 🌈	● ⬤ ○ 🌈
Product codes	ROLEC3111B ROLEC3121B ROLEC3113B ROLEC3123B	ROLEC2111B ROLEC2121B ROLEC2113B ROLEC2123B	ROLEC1111B ROLEC1121B ROLEC1113B ROLEC1123B	ROLEC0111B/W/G ROLEC0121B/W/G ROLEC0113B/W/G ROLEC0123B/W/G

320mm — 155mm

575mm

Accessories:

NEW Rolec universal mounting post (for new models, fits up to 2 chargers, alternative options available)
EVFP0035

NEW TAP & CHARGE Remote payment terminal
ROLEC5000

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors
ACSR0520

NEW Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors
ACSR0530

More options on page 64

BASICCHARGE

This simplistic and affordable EV charging pedestal has integrated LED amenity lighting which provides greater visibility of the charging bays and surrounding areas.

This charger offers an effortless charging experience for EV drivers whilst providing a cost-effective solution for businesses. Ideal for car parks, workplaces, development sites and public locations.

- Plug & charge, mobile app or RFID controlled charging
- Choose from 1x or 2x universal charging socket(s)
- Up to 7.4kW or 22kW charging output(s)
- PME fault detection (no earth rod required)
- Supports dynamic load balancing & static load management
- OCPP 1.6 compliant (can integrate with any back-office)
- Over-the-air firmware / software updates
- Built-in AC overload & fault current protection (RCBO)
- Built-in 6mA DC leakage protection
- Dual tamper and breach security notification
- Cable lock security feature (can be permanently locked by user)
- LED amenity lighting head (Photocell controlled)
- MID-approved energy metering
- 4G / Wi-Fi / Ethernet connectivity
- Strong and durable IP54 / IK10 rated
- Surface or root mountable
- OZEV grant fundable
- 3 Year Warranty

NEW
Tethered models available upon request

Designed & Manufactured in the UK

BASICCHARGE PRODUCT OVERVIEW

Connection Type	Charging Output	Input Supply	Unit Colour		Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	●	Black	ROLEC0211B
			●	Grey	ROLEC0211G
			○	White	ROLEC0211W
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	●	Black	ROLEC0213B
			●	Grey	ROLEC0213G
			○	White	ROLEC0213W
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	●	Black	ROLEC0221B
			●	Grey	ROLEC0221G
			○	White	ROLEC0221W
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	●	Black	ROLEC0223B
			●	Grey	ROLEC0223G
			○	White	ROLEC0223W

*Chargepoint(s) will downrate if the input supply is lower than the maximum charging output

205mm

205mm

1130mm

185mm

185mm

Accessories:

Ground mounting base for BasicCharge pedestal
GMCP0010

Root mount protection barrier – 48mm
EVCB0020

NEW TAP & CHARGE Remote payment terminal
ROLEC5000

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors
ACSR0520

NEW Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors
ACSR0530

More options on page 64

QUANTUM

Sleek, durable, and easy-to-use, this charging pedestal is the perfect option for businesses seeking to offer charging facilities for both employees and public use.

Popular for its LED features, the louvered amenity lighting and status indicator socket halos provide enhanced visibility of the charging bays and surrounding areas.

- Plug & charge, app, contactless payment (model dependent), or RFID controlled charging
- Choose from 1x, 2x or 4x universal charging socket(s)
- Up to 7.4kW or 22kW charging output(s)
- PME fault detection (no earth rod required)
- Supports dynamic load balancing & static load management
- OCPP 1.6 compliant (can integrate with any back-office)
- Over-the-air firmware / software updates
- Built-in AC overload & fault current protection (RCBO)
- Built-in 6mA DC leakage protection
- Dual tamper and breach security notifications
- Lockable front access door (model dependant*)
- 5" LCD Screen (model dependant)
- Cable lock security feature (can be permanently locked by user)
- LED amenity lighting head (Photocell controlled)
- MID-approved energy metering
- 4G / Wi-Fi / Ethernet connectivity
- Conforms with PAS 1899 accessible charging standard (model dependant)
- Strong and durable IP54 / IK10 rated
- Surface or root mountable
- OZEV grant fundable
- 3 Year Warranty

*Included as standard on models with contactless payment terminal and/or LCD screen. Available as an optional upgrade on other models QUAD0001

NEW MODELS
Contactless payment terminal, LCD display screen, and tethered models available upon request

QUANTUM PRODUCT OVERVIEW

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code
QUANTUM – Standard Features:				
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC0411B
			● Grey	ROLEC0411G
			○ White	ROLEC0411W
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC0413B
			● Grey	ROLEC0413G
			○ White	ROLEC0413W
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC0421B
			● Grey	ROLEC0421G
			○ White	ROLEC0421W
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC0423B
			● Grey	ROLEC0423G
			○ White	ROLEC0423W
4x Universal charging sockets	Up to 7.4kW (32A) per socket	2x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC0425B
			● Grey	ROLEC0425G
			○ White	ROLEC0425W

Standard features with 4x sockets

NEW Contactless payment terminal

NEW LCD screen & contactless payment terminal

NEW LCD screen

NEW Tethered models available upon request

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code
NEW QUANTUM – Including LCD Screen & Contactless Payment Terminal:				
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3411B
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC3413B
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC3421B
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC3423B
NEW QUANTUM – Including LCD Screen:				
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC2411B
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC2413B
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC2421B
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC2423B
NEW QUANTUM – Including Contactless Payment Terminal:				
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC1411B
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC1413B
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC1421B
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC1423B

*Chargepoint(s) will downrate if the input supply is lower than the maximum charging output

QUANTUM MODEL COMPARISON

	QUANTUM with LCD screen & contactless payment terminal	QUANTUM with LCD screen	QUANTUM with contactless payment terminal	QUANTUM with standard features
Plug & charge operation	✓	✓	✓	✓
Mobile app operation	✓	✓	✓	✓
RFID card/fob operation	✓	✓	✓	✓
Contactless payment terminal	✓		✓	
5" LCD screen	✓	✓		
Lockable front access door	✓	✓	✓	Optional
Charging speeds (Max. kW)	7.4 | 21	7.4 | 21	7.4 | 21	7.4 | 21
No. of charging outputs	1x | 2x	1x | 2x	1x | 2x	1x | 2x | 4x
Colour options	● 🌈	● 🌈	● 🌈	● ● ○ 🌈
Product codes	ROLEC3411B ROLEC3421B ROLEC3413B ROLEC3423B	ROLEC2411B ROLEC2421B ROLEC2413B ROLEC2423B	ROLEC1411B ROLEC1421B ROLEC1413B ROLEC1423B	ROLEC0411B/W/G ROLEC0421B/W/G ROLEC0425B/W/G ROLEC0413B/W/G ROLEC0423B/W/G

375mm — 275mm — 1440mm

Accessories:

Ground mounting base for Quantum pedestal **GMQR0010**

Root mount protection barrier – 48mm **EVCB0020**

NEW TAP & CHARGE Remote payment terminal **ROLEC5000**

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors **ACSR0520**

NEW Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors **ACSR0530**

More options on page 64

AUTOCHARGE

A robust and hard-wearing pedestal that has been specifically designed and manufactured for both commercial and public facing environments. Ideal for development sites, workplaces, and car parks! This versatile, future-proof pedestal is compatible with all EVs/ PHEVs on the current market and is capable of charging up to 22kW.

- Plug & charge, mobile app or RFID controlled charging
- Choose from 1x or 2x universal charging socket(s)
- Up to 7.4kW or 22kW charging output(s)
- PME fault detection (no earth rod required)
- Supports dynamic load balancing & static load management
- OCPP 1.6 compliant (can integrate with any back-office)
- Over-the-air firmware / software updates
- Built-in AC overload & fault current protection (RCBO)
- Built-in 6mA DC leakage protection
- Dual tamper and breach security notification
- Lockable front access door
- Cable lock security feature (can be permanently locked by user)
- MID-approved energy metering
- 4G / Wi-Fi / Ethernet connectivity
- Strong and durable IP54 / IK10 rated
- Surface or root mountable
- OZEV grant fundable
- 3 Year Warranty

NEW
Tethered models available upon request

Designed & Manufactured in the UK

ROLECEV

RFID
If you have been issued an RFID card/fob, plug in cable and use the reader below

TO CHARGE YOUR VEHICLE:

Plug In
connect your EV charging cable to the chargepoint, then the vehicle

Activate
use label above chargepoint for details and download the relevant app if necessary

Charge
once finished, unplug from the vehicle first to allow cable lock to release

AUTOCHARGE PRODUCT OVERVIEW

Connection Type	Charging Output	Input Supply	Unit Colour	Product Code
1x Universal charging socket	Up to 7.4kW (32A)	1x Up to 32A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC0011B
			● Grey	ROLEC0011G
			○ White	ROLEC0011W
	Up to 22kW (32A)	1x Up to 32A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC0013B
			● Grey	ROLEC0013G
			○ White	ROLEC0013W
2x Universal charging sockets	Up to 7.4kW (32A) per socket	1x Up to 63A Single Phase* 230V AC (±10 %) 50/60Hz	● Black	ROLEC0021B
			● Grey	ROLEC0021G
			○ White	ROLEC0021W
	Up to 22kW (32A) per socket	1x Up to 63A Three Phase* 400V AC (±10 %) 50/60Hz	● Black	ROLEC0023B
			● Grey	ROLEC0023G
			○ White	ROLEC0023W

*Chargepoint(s) will downrate if the input supply is lower than the maximum charging output

332mm — 270mm

1275mm

240mm — 200mm

Accessories:

Ground mounting base for AutoCharge pedestal
GMPG0010

Root mount protection barrier – 48mm
EVCB0020

NEW TAP & CHARGE Remote payment terminal
ROLEC5000

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors
ACSR0520

**NEW** Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors
ACSR0530

ULTRACHARGE 30

A compact and cost-effective DC rapid charging solution for businesses offering EV charging to their customers and/or fleet.

Offering up to 30kW charging speed, the ULTRACHARGE 30 makes for a powerful, yet low investment DC charging option for businesses. The slim and robust design also maximises space limitations, whilst still easy to install, maintain and service. It can easily integrate into most commercial premises with a low-grid connection requirement of only 55A on a Three Phase supply.

- Plug & charge, mobile app, or RFID controlled charging
- Offers 1x DC charging output
- Up to 30kW charging speeds
- OCPP 1.6 compliant (OCPP 2.0.1 upgradable)
- Over-the-air firmware / software updates
- Supports static and dynamic load management
- 8″ HD user interface touch screen with advertising capability
- 4G / Ethernet connectivity
- 96% Peak efficiency
- Ultrawide constant power output voltage range 375V – 1000V
- Under/overvoltage, DC overcurrent, over-temp & surge protection
- 5m 80A rated charging cables (4.5m external) capable of delivering 30kW charge rate to a standard 400V vehicle
- Optional 7m cables also available (6.5m external)
- Optional RFID / NFC / contactless card payment terminal
- Optional single or dual pedestal mounting available
- Conforms with PAS 1899 accessible charging standard
- Strong and durable IP55 / IK10 rated
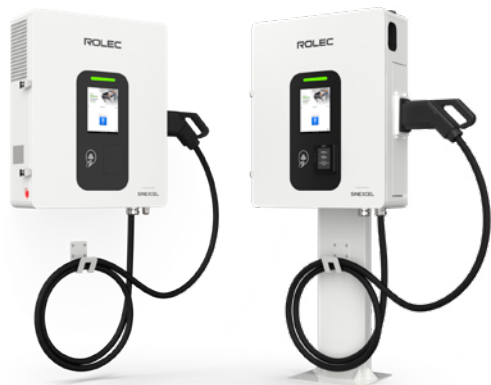
NEW

Stocked in the UK by
ROLECEV

ULTRACHARGE 30 PRODUCT OVERVIEW

Station Level	Connection Type	Power Allocation	Input Current	Input Power	Product Code
30kW DC	1x CCS2	1x 30kW	55A	33kVA	EVDC7010

Accessories:

NEW UltraCharge 30 mounting pedestal
EVAD7010

NEW UltraCharge 30 dual mounting pedestal
**EVAD7020**

NEW UltraCharge 30 pedestal ground mounting base
GMUC0010

NEW Add contactless payment terminal
EVAD5600

Upgrade to 7m (6.5m external) 80A rated cable
EVAD7030

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors
ACSR0520

NEW Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors
ACSR0530

More options on page 64

550mm

700mm

300mm

262mm

200mm

1369mm

1102mm

300mm
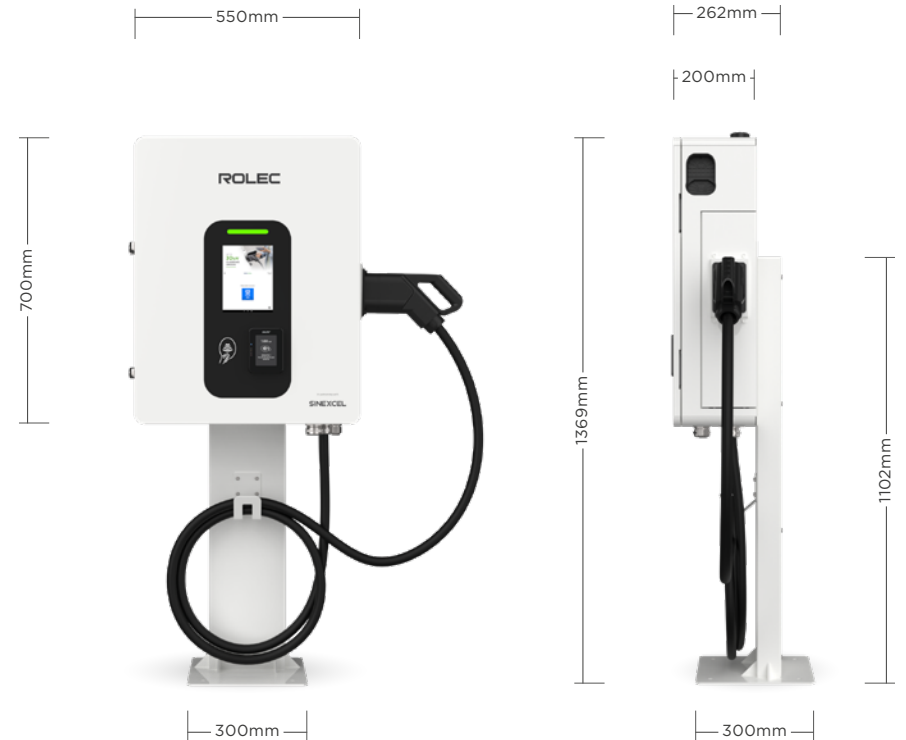
ULTRACHARGE 80

A compact, robust, and cost-effective DC rapid charging solution for destinations with limited available space.

This intelligent modular and scalable charger has the ability to be upgraded from 60kw to 80kW with the simple addition of an extra 20kW power module. These chargers are easy to install, maintain and service. Conforms to the ISO 15118 Plug & Charge and PAS 1899 accessible charging standards.

- Plug & charge, app, RFID controlled charging
- Offers 2x DC charging outputs
- Up to 80kW charging speeds
- Upgradeable power modules
- OCPP 1.6 compliant (OCPP 2.0.1 upgradable)
- Over-the-air firmware / software updates
- Intelligent dynamic power sharing
- Supports static and dynamic load management
- 15" HD user interface touch screen with advertising capability
- 4G / Ethernet connectivity
- 96% Peak efficiency
- Ultrawide constant power output voltage range 300V – 1000V
- Under/overvoltage, DC overcurrent, over-temp & surge protection
- 5m 200A rated charging cables (4.5m external) capable of delivering 80kW charge rate to a standard 400V vehicle
- Optional 7m cables also available (6.5m external)
- Optional cable management system
- Optional RFID / NFC / contactless card payment terminal
- Conforms with PAS 1899 accessible charging standard
- Strong and durable IP55 / IK10 rated

Stocked in the UK by ROLEC**EV**

ULTRACHARGE 80 PRODUCT OVERVIEW

Station Level	Connection Type	Power Allocation	Input Current	Input Power	Product Code
60kW DC	2x CCS2	1x 60kW 1x 40kW / 20kW*	112A	67kVA	EVDC5020
80kW DC	2x CCS2	1x 80kW 2x 40kW*	150A	89kVA	EVDC5030

*When 2 vehicles are charging simultaneously

Accessories:

20kW power upgrade modules
**EVDC3020**

Add contactless payment terminal
EVAD5600

UltraCharge 80 Cable Management System (CMS)
EVAD6080

Upgrade to 7m (6.5m external) 200A rated cable (per cable)
EVAD7080

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors
ACSR0520

NEW Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors
ACSR0530

More options on page 64

850mm

500mm

2030mm

ROLEC

SINEXCEL
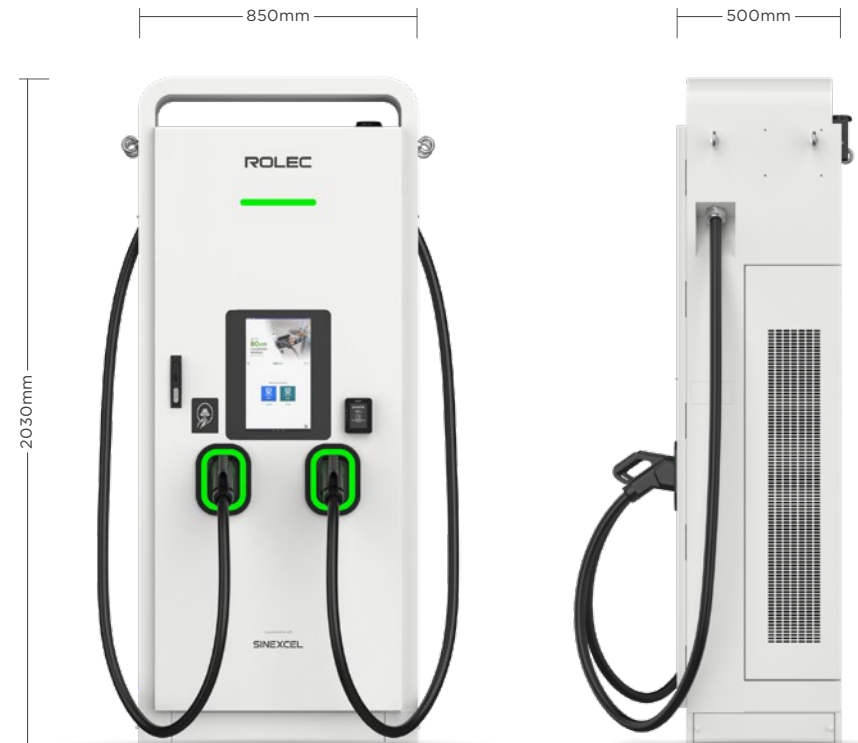
ULTRACHARGE 160

This intelligent modular and scalable DC ultra-rapid charging station is a futureproof and cost-effective solution for public, fleet and highway infrastructure deployment.

Available in two standard power configurations; 160kW or a 120kW version which can be upgraded in the future with the simple addition of extra 20kW power modules. Conforms to the ISO 15118 Plug & Charge and PAS 1899 accessible charging standards.

- Plug & charge, mobile app, or RFID controlled charging
- Offers 2x DC charging outputs
- Up to 160kW charging speeds
- Upgradeable power modules
- OCPP 1.6 compliant (OCPP 2.0.1 upgradable)
- Over-the-air firmware / software updates
- Intelligent dynamic power sharing
- Supports static and dynamic load management
- 15″ HD user interface touch screen with advertising capability
- 4G / Ethernet connectivity
- 96% Peak efficiency
- Ultrawide constant power output voltage range 300V – 1000V
- Under/overvoltage, DC overcurrent, over-temp & surge protection
- 5m 300A rated charging cables (4.5m external) capable of delivering 120kW charge rate to a standard 400V vehicle
- Optional 7m cables also available (6.5m external)
- Optional cable management system
- Optional RFID / NFC / contactless card payment terminal
- Conforms with PAS 1899 accessible charging standard
- Strong and durable IP55 / IK10 rated

Stocked in the UK by ROLEC EV

ULTRACHARGE 160 PRODUCT OVERVIEW

Station Level	Connection Type	Power Allocation	Input Current	Input Power	Product Code
120kW DC	2x CCS2	1x 120kW 2x 60kW*	224A	133kVA	EVDC8010
160kW DC	2x CCS2	1x 160kW 2x 80kW*	299A	177kVA	EVDC8020

*When 2 vehicles are charging simultaneously

Accessories:

20kW power upgrade modules
**EVDC3020**

Add contactless payment terminal
EVAD5600

UltraCharge 160 Cable Management System (CMS)
EVAD6160

Upgrade to 7m (6.5m external) 300A rated cable (per cable)
EVAD7160

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors
ACSR0520

NEW Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors
ACSR0530

1000mm

700mm

2000mm
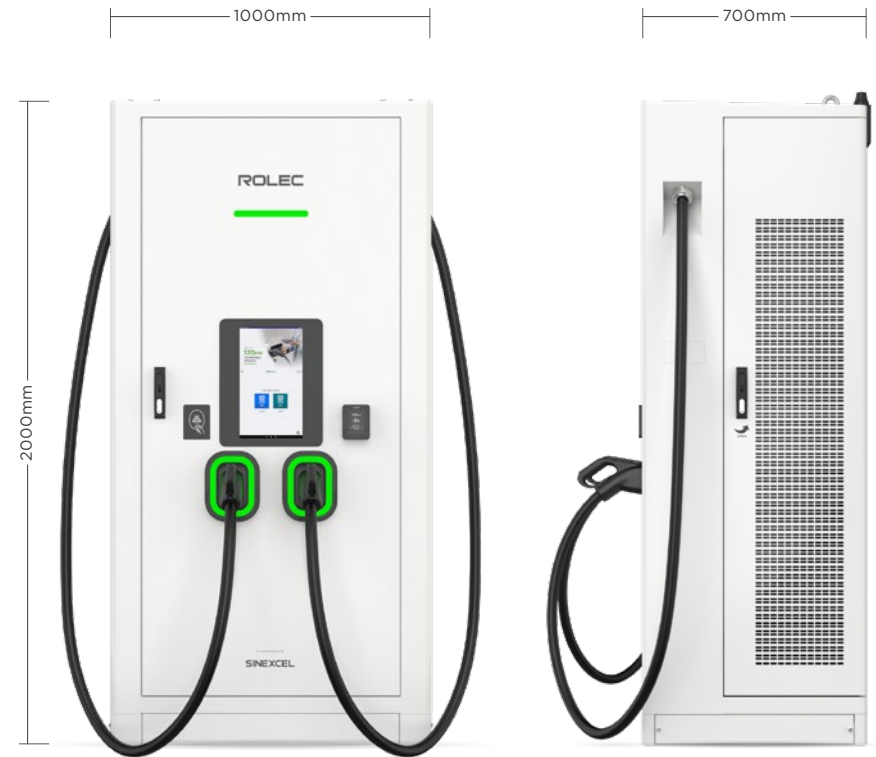
ULTRACHARGE 240

An intelligent modular and scalable DC ultra-rapid charger that can be upgraded in modules of 20kW, up to 240kW. A cost-effective, robust solution for public, fleet and highway infrastructure deployment.

Available in two standard power configurations; 200kW or 240kW, offering convenient charging for two vehicles simultaneously. These chargers are easy to install, maintain and service. Conforms to ISO 15118 Plug & Charge and PAS 1899 accessible charging standards.

- Plug & charge, mobile app, or RFID controlled charging
- Offers 2x DC charging outputs
- Up to 240kW charging speeds
- Upgradeable power modules
- OCPP 1.6 compliant (OCPP 2.0.1 upgradable)
- Over-the-air firmware / software updates
- Intelligent dynamic power sharing
- Supports static and dynamic load management
- 15" HD user interface touch screen with advertising capability
- 4G / Ethernet connectivity
- 96% Peak efficiency
- Ultrawide constant power output voltage range 300V – 1000V
- Under/overvoltage, DC overcurrent, over-temp & surge protection
- 5m 350A rated charging cables (4.5m external) with 400A boost feature, capable of delivering 160kW charge rate to a standard 400V vehicle
- Optional 7m cables also available (6.5m external)
- Optional cable management system
- Optional RFID / NFC / contactless card payment terminal
- Conforms with PAS 1899 accessible charging standard
- Strong and durable IP55 / IK10 rated

Distributed in the UK by ROLEC*EV*

ULTRACHARGE 240 PRODUCT OVERVIEW

Station Level	Connection Type	Power Allocation	Input Current	Input Power	Product Code
200kW DC	2x CCS2	1x 200kW 2x 100kW*	377A	220kVA	EVDC6020
240kW DC	2x CCS2	1x 240kW 2x 120kW*	450A	263kVA	EVDC6030

*When 2 vehicles are charging simultaneously

Accessories:

20kW power upgrade modules
**EVDC3020**

Add contactless payment terminal
EVAD5600

UltraCharge 240 Cable Management System (CMS)
EVAD6240

Upgrade to 7m (6.5m external) 350A rated cable (per cable)
EVAD7240

NEW Perific Fuse Protection Device with 3x 900A up to 36mm² Current Sensors
ACSR0520

NEW Perific Fuse Protection Device with 3x 900A up to 100mm² Current Sensors
ACSR0530

850mm

750mm

2000mm

ROLEC

SINEXCEL
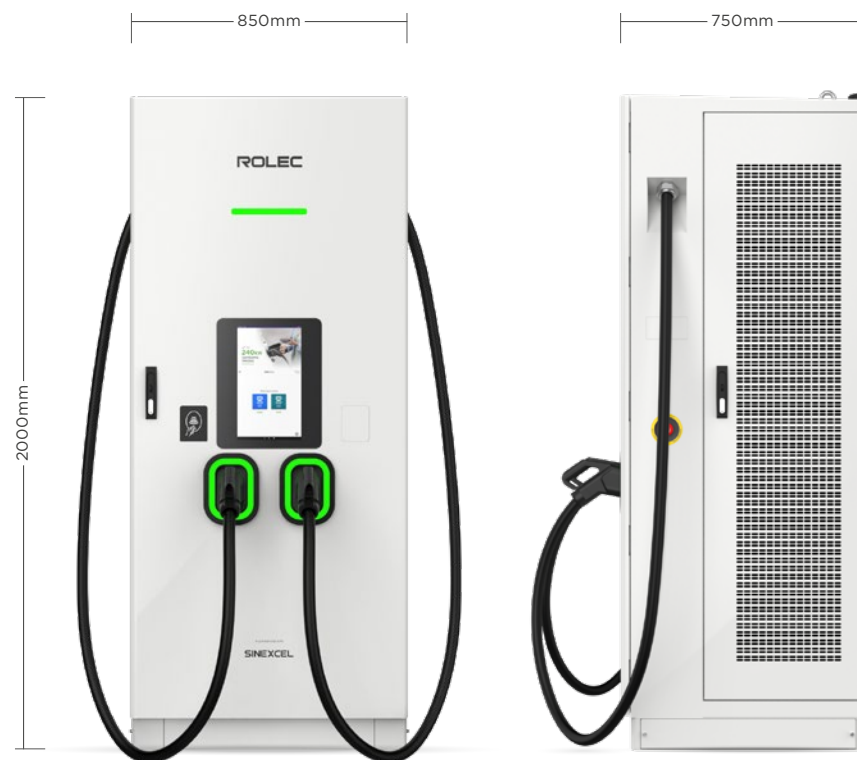
TAP & CHARGE

Remote payment terminal

NEW

Operators seeking simplicity and convenience for their customers will find TAP & CHARGE to be the perfect solution for both commercial and public locations. Our remote contactless payment terminal ensures hassle-free transactions across multiple chargepoints, mirroring the ease of a conventional parking meter.

- Contactless payment solution for multiple EV chargers
- Compatible with all ROLEC EV chargepoints*
- 3.5" LCD backlit touch screen display
- Market-leading Payter contactless terminal
- Supports pin entry for unattended environments
- Integrates with chargepoint management back-office such as; Monta, Wattif, Fuuse, driivz, ampeco, greenflux etc.
- Real-time transactions & data reporting
- Customisable advertising screen
- Over-the-air firmware / software updates
- Built-in surge protection
- 4G / Wi-Fi / Ethernet connectivity
- Robust heavy-duty steel enclosure
- Waterproof & vandal-proof IP65 / IK09 rated terminal
- Strong and durable IP66 / IK10 rated enclosure
- Wall or floor mounted
- 3 Year Warranty

*Excluding QUBEV Smart

Terminal fees

TAP & CHARGE terminals are subject to Payter fees, which are paid directly to Payter:

One-time connection fee – **£12.50 per terminal**
Up to a maximum of £187.50 per batch

Monthly service fee – **£7.00 per terminal/month**
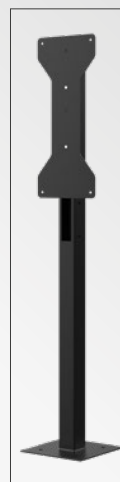Starting from the date of activation

Optional SIM monthly charge – **£4.00 per active SIM per month**
This includes TMS connectivity, access to support services, firmware updates, the MyPayter reporting tool, and Payment Gateway Transactions

The pricing displayed above applies exclusively to Monta-managed chargepoints. Prices may vary if a different back-office provider is used.
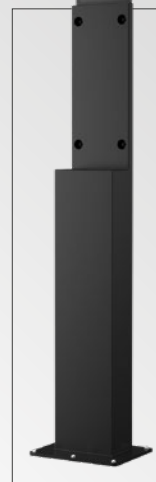
Product code: **ROLEC5000**

Manufactured in the UK

TAP & CHARGE
Remote contactless payment terminal

Mobile app / RFID direct activation via chargepoint

Payment processing via chosen chargepoint back-office management system

Mounting options:

Mounting post: **EVFP0100**

Premium mounting pedestal: **EVFP0110**

CHARGEPOINT BACK-OFFICE

Powered by MONTA

Other compatible back-offices:
Fuuse
wattif
VIRTA
driivz
AMPECO
greenflux

BRANDING &
COLOUR OPTIONS

ROLEC EV understands the importance of brand identity, so that's why we offer our clients the ability to customise their chargepoints to suit their brand guidelines, offering a completely unique aesthetic.

From a simple logo through to a fully bespoke branding, ROLEC EV take great pride in providing a solution that distinguishes businesses' chargepoints from their competitors'.

Contact Rolec for more details about chargepoint branding

Brand names, logos and trademarks used herein remain the property of their respective owners. This listing of any firm or their logos is not intended to imply any endorsement or direct affiliation with Rolec Services Ltd. and is purely to demonstrate branding opportunities.

OPTIONS & ACCESSORIES

ROLEC EV holds the UK's largest stock of electric vehicle charging cables and accessories. All of which are available from your local electrical wholesaler. Due to our on-site warehousing facilities, we're usually able to dispatch accessories within 24 hours.

GMQR0010

EVPS0010

RFID0010/20

ACSR0125

EVCB0040

NEW ACSR0530

ZURA0100B/G/W

EVIN0010/70

NEW Holster mounting plate(s) for tethered units available upon request

EVFP0035

EVPP0100

Item Description	Product Code
RFID card	RFID0010
RFID fob	RFID0020
NEW Rolec universal mounting post (fits up to 2 chargers | suitable for SecuriCharge models with door, Zura, WallPod, and QUBEV Smart | conforms with PAS 1899)	EVFP0035
WallPod plate for mounting post	EVFP0040
QUBEV Smart plate for mounting post	EVFP0050
SecuriCharge mounting post (fits 1 charger | for models without door)	EVFP0060
SecuriCharge mounting post (fits 2 chargers | for models without door)	EVFP0070
NEW Zura/WallPod/SecuriCharge tethered holster plate for mounting post	EVFP0080
NEW QUBEV Smart tethered holster plate for mounting post	EVFP0090
Remote wall mount for Type 2 plug holster	EVRS0030
QUBEV Smart remote wall mount for Type 2 plug holster	EVRS0040
Ground mounting base for Quantum pedestal	GMQR0010
Ground mounting base for BasicCharge pedestal	GMCP0010
Ground mounting base for AutoCharge pedestal	GMPG0010
Protection barrier – root mount (48mm)	EVCB0020
Protection barrier – surface mount (48mm)	EVCB0040
EV parking sign – A4 landscape (A3 & A5 sizes also available)	EVPS0010
5m 32A Type 2 to Type 2 charging cable	EVPP0100
10m 32A Type 2 to Type 2 charging cable	EVPP0107
5m 32A Three Phase Type 2 to Type 2 charging cable	EVPP0105
10m 32A Three Phase Type 2 to Type 2 charging cable	EVPP0108
(Other cables are available, including Type 1 options)	
20A Single Phase EV consumer unit with Type A RCBO	EVIN0010
40A Single Phase EV consumer unit with Type A RCBO	EVIN0015
20A Three Phase EV consumer unit with Type A RCBO	EVIN0070
40A Three Phase EV consumer unit with Type A RCBO	EVIN0075
NEW Perific Fuse Protection Device with 3x 900A up to 36mm^2 Current Sensors	ACSR0520
NEW Perific Fuse Protection Device with 3x 900A up to 100mm^2 Current Sensors	ACSR0530
20kW power upgrade modules for UltraCharge range	EVDC3020
100A up to 35mm^2 screened CT clamp with 10m cable	ACSR0125
NEW 3x 100A up to 35mm^2 screened CT clamps with 10m cables for Three Phase Zura	ACSR0325
120A up to 35mm^2 QUBEV Smart CT clamp with 5m cable	ACSR0380
Zura front fascia plate – Black / Grey / White	ZURA0100B/G/W
NEW Quantum front access door upgrade with RFID – Black	QUAD0001
ChargeCheck EV charging unit tester with adapter cable and carry bag	EVTU0018

installation **made simple**

Become a ROLEC EV approved installer

One of the most robust connections we've established in the industry is with electrical contractors responsible for installing our chargepoints globally.

By partnering with us as a ROLEC EV Approved Installer you'll benefit from additional opportunities for installation and maintenance, receive comprehensive product and project support, attend exclusive training sessions, and gain exposure through valuable marketing resources. If you've been a long-time ROLEC EV Approved Installer, now is an excellent time to renew and invigorate your partnership with us.

We regularly invite contractors to join our training academy – recharge your knowledge, enhance your skills, and stay updated with the latest developments in EV charging.

INSTALLER TRAINING

Charge your knowledge and enhance your technical skills!

Industry & Product Training

- **CPD approved training** (4 credited hours)
- EV industry insights
- Installation processes
- Product knowledge
- Become an Official ROLEC EV Approved Installer

EV Charging Solutions

- In-depth technical training for senior technicians
- Maintenance and warranty
- Fault-finding
- Commissioning
- Deep-dive into chargepoint management systems

Sales & Marketing Training

- Join like-minded sales enthusiasts
- Refine your sales techniques
- Social media tips and tricks to grow your business
- Access additional resources that can promote your business

WANT TO BOOK A TRAINING DAY?

Become ROLEC EV approved and gain full access to our Installer Hub where you can book training days and benefit from an array of features.

APPLY NOW: www.rolecserv.com/forms/approved-installer-application

ROLEC*EV* Connect

Installation made **simple**

To make chargepoint configuration simpler and easier, we designed the ROLEC EV CONNECT app – a configuration app bespoke to ROLEC EV units that streamlines commissioning to just six intuitive steps.

Whether you're a seasoned pro or new to installing ROLEC EV chargepoints, this information is crucial for an easy setup.

Download the free ROLEC EV CONNECT app and remember to **KEEP the QR code tag attached to the socket**.

DO NOT DISCARD!

KEEP ATTACHED TO THIS CHARGEPOINT

▶ WATCH THE VIDEO
Click here to watch the ROLEC EV Connect Configuration Guide

DOWNLOAD THE FREE ROLEC EV CONNECT APP

GET IT ON Google Play · Download on the App Store

TO BEGIN CHARGEPOINT CONFIGURATION, INSTALL THE ROLEC EV CONNECT APP

Scan the QR code and connect to the chargepoint via Bluetooth.

Configure and connect using Wi-Fi, Ethernet or 4G in seconds.

You're all set! The chargepoint is ready for testing.

Create and manage new and existing projects with ease!

Add additional chargepoints to sites in the future with just a few taps.

Once installed, owners can take control of their chargepoint's settings.

ROLEC*EV*

Powered by MONTA

CHARGEPOINT MANAGEMENT

Monta's chargepoint management platform provides businesses and organisations with the ability to deploy and self-manage their very own electric vehicle charging network. Ideal for workplace, fleet, commercial and residential locations.

- Full & automated control of your chargepoints
- Unlock additional revenue streams
- Set chargepoints for public and/or private use
- Set different pricing for individual chargepoints & groups
- Dynamic pricing allows operators to set pricing in line with their hour-by-hour energy cost
- Fully scalable solution; add or remove chargepoints & users
- Complete fleet management solutions with analytical feedback & reporting
- Reduce charging costs and CO_2 with Smart Charge feature
- Vehicle integration provides visibility of battery size, SOC, percentage & location etc.
- Automatically reimburse employees' home charging
- Smart queuing system that sends notifications to drivers when they become available
- Over-the-air updates and self-healing algorithms ensure charger stability & availability
- Static, Dynamic or True Dynamic load balancing options
- EV Roaming feature, allowing chargepoints to be available on other apps
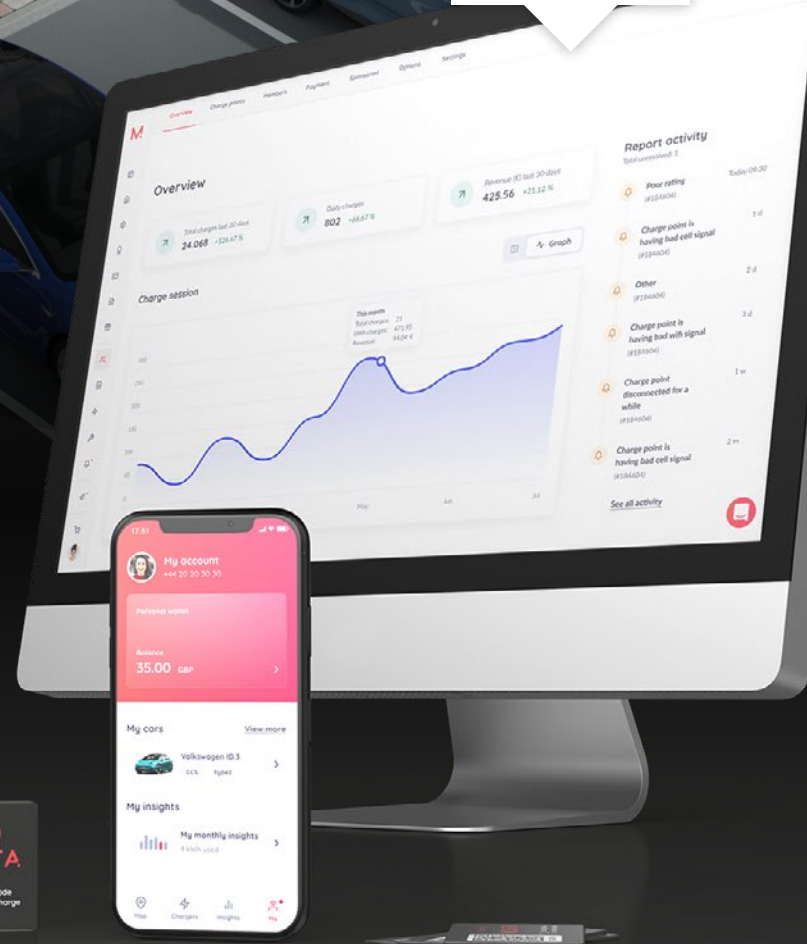
MONTA

Other preferred back-office partners:

wattif

Fuuse

VIRTA

ClenergyEV

World-class back office software for chargepoint owners

The Monta platform is a state-of-the art, legacy free EV charging back office system for managing and operating chargepoints. It's easy to use, set up and scale.

The platform is packed with features developed for you to easily manage your business without having to incur any of the costs associated with developing a back-office, phone app, secure payment and management platform.
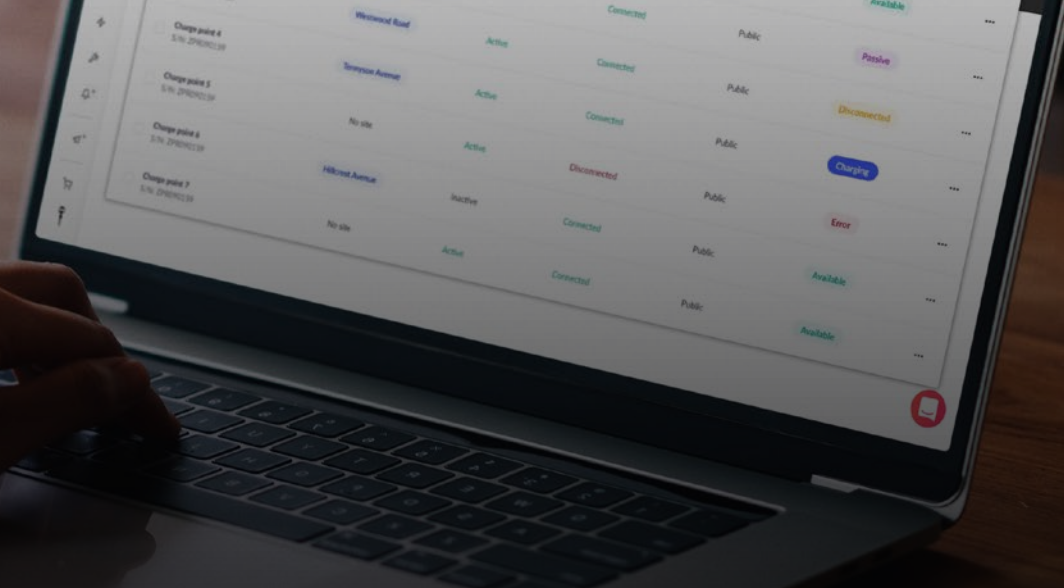
Set different pricing

Manage chargepoints on an individual level and decide pricing for different groups.

Payment options

Pay with Google Pay, Apple Pay, credit card, team wallet or charge key.

Scheduled pricing

Schedule price changes that automatically occur at specific hours. This helps avoid losing money when electricity is expensive.

Chargepoint customisation

Customise your chargepoint settings to suit your needs; choosing who can access the chargepoints, and at what price.

Scalable solution

Add or remove chargepoints and users through our platform. You can scale up and down as you please.

Load balancing

Static, Dynamic or True Dynamic options to distribute the electricity in a smart way. No need to buy expensive extra ampere.

Member fees

Apply a monthly fee to be part of a team. Each member must pay this, in order to charge at the team's price.

Public & private

Reserve chargepoints for members during peak hours. Open chargepoints to the public off peak hours.

EV Roaming

Chargepoints connected to Monta are available on many other EV charging apps. Attract more drivers by being available where EV drivers are.

Smart booking

Reserve a chargepoint to make sure you're not driving to occupied chargepoints. Once a chargepoint is reserved, only you can start it.

Self-healing algorithms

Self-healing algorithms ensure charger stability and availability. Self-healing automatically fixes CP bugs and errors.

Scheduled access

Reserve chargepoints for members during peak hours. Open chargepoints to the public off peak hours.

Charge on the road

Get access to more than 550,000 publicly available chargepoints and pay with your preferred payment option.

Smart charging

Set chargepoint to only charge at times when conditions are met, such as low electricity price, low CO_2, or high amount of renewable energy.

Smart queue

An intelligent system that distributes EVs between chargepoints when they become available. Once it's your turn you get a notification.

Sponsored chargepoint

Employees can charge at home on their company account, thereby avoiding the need to receive money on slow intervals.

Vehicle integration

Integrate your vehicle with Monta to see the current battery level, whether the cable is plugged in or if your car is being charged.

Dynamic pricing

Allows operators to set their kWh price based on the hour-by-hour price that they're paying for electricity, and not on a statistic number.

ROLEC*EV*

Powered by
MONTA

CHARGEPOINT OPERATION

Charge your EV on your terms. With Monta you have full control over your charging experience, at home or on the road.

- Easily locate and navigate using the chargepoint map
- Remotely control your home EV charging
- Choose your ready time and choose to prioritise lower costs, lower CO_2 or only using renewable energy
- Schedule charges so your car is ready when you are
- Integrate with most EV manufacturer apps and cars
- Real-time information on your car and battery levels to maximize your charging experience
- Solar PV & battery storage integration
- Share and give charging access to friends, family and guests
- Set your home charger for public use with custom pricing
- Access to over 550,000 public chargepoints across Europe
- Easily initiate charging and complete payments via credit card, Apple Pay, Google Pay or Monta Wallet
- 24/7 online chat or email support for help when you need it most
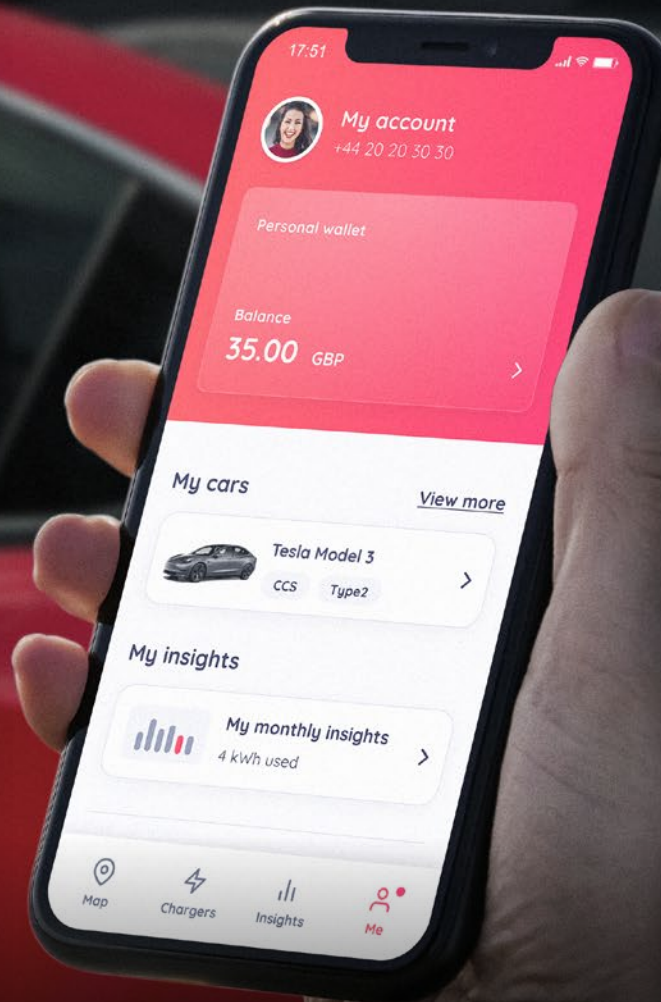
The Monta Charge app is 100% free with no subscription cost when charging at home

MONTA

Other preferred back-office partners:

wattif

Fuuse

VIRTA

Clenergy*EV*

RFID

Great for quick activation, RFID cards or key fobs are easily accessible and add for a much simpler charging experience, which can also be used alongside the mobile app.

DOWNLOAD THE FREE MONTA APP

GET IT ON
Google Play

Download on the
App Store

www.monta.com/uk/home-charging

Transparent & flexible pricing

Monta is the software you need to get the most out of your chargepoints. Get started for free with up to 3 sockets or manage thousands via our web portal.

	Basic	Enterprise
	Ideal for small businesses and homes. **Max. 3 sockets**	Best for medium to large scale charging across multiple sites and the full user experience.
	FREE	**£4.50**
	No monthly subscription	Per socket, per month (ex. VAT)
	10% Transaction fee* Unlimited team members	**4.5% transaction fee*** Unlimited team members

*Transaction fee when people pay to charge on your chargepoint (ex. VAT)

	Basic	Enterprise
Email & chat support	✓	✓
Tech support (phone) [1]		✓
24/7 support [1]		✓
Portal	✓	✓
Dashboard		✓
Transaction overview		✓
Smart queue [2]		✓
Load balancing [3]		✓
Advanced team features [4]		✓
Pay with Team Wallet [5]		✓
Team charge keys		✓
Pay by invoice		✓
Sponsored chargepoint [6]		✓
Roaming [7]		✓
Enterprise security [8]		✓

If connected via Ethernet or Wi-Fi no cellular data fees will apply

1. Only for admin / owners of teams / operators

2. This Smart queue feature enables EV drivers to join the virtual queue at one of multiple charging sites and allows drivers to get notified when the chargepoint becomes available for them

3. Load balancing is the distribution of power between the different points of consumption. In other words, Monta automatically divides the available power over the vehicles that are charging

4. Member fees, select chargepoints access

5. In your teams wallet you can see the transactions from and to the wallet and export the list of all the transactions

6. Relevant for companies reimbursing its employees for charging at home

7. Share your chargepoints on the world's largest roaming platform Hubject – 12.5% transaction fee

8. Enterprise security features: audit log, ip whitelist, 2factor / saml

Pricing examples

Basic Plan   Max. 3 sockets

Unit Type	Description	Qty	Price	Total
1way charging unit	Basic plan subscription	1	FREE	FREE
2way charging unit	Basic plan subscription	2	FREE	FREE

Connecting via 4G?

3-Year cellular data plan
£43.20 +VAT per single socket unit
£86.40 +VAT per dual socket unit

Enterprise Plan

Unit Type	Description	Qty	Price (ex. VAT)	Total (ex. VAT)
1way charging unit	Enterprise plan subscription (per socket, per month)	1	£4.50	£4.50
	Cellular data plan (per socket, per month)	1	£1.20	£1.20
	Sub Total			**£5.70** per month
2way charging unit	Enterprise plan subscription (per socket, per month)	2	£4.50	£9.00
	Cellular data plan (per socket, per month)	2	£1.20	£2.40
	Sub Total			**£11.40** per month
4way charging unit	Enterprise plan subscription (per socket, per month)	4	£4.50	£18.00
	Cellular data plan (per socket, per month)	4	£1.20	£4.80
	Sub Total			**£22.80** per month

GRANT FUNDED EV CHARGEPOINTS

Homes and businesses can benefit from huge savings when purchasing EV chargepoints

From April 2022, the Office for Zero Emissions (OZEV) grant funding schemes for both domestic and workplace charging requirements are changing in order to increase the number of electric vehicle charging points in the UK. So what savings can be made?

EV chargepoint grant for flat owner-occupiers and people living in rented properties

The **EV chargepoint grant for flat owner-occupiers and people living in rented properties** provides funding towards the cost of installing electric vehicle smart chargepoints at domestic properties across the UK. It replaced the Electric Vehicle Homecharge Scheme (EVHS) on 1st April 2022.

Up to
£350*

- Up to 75% of the cost to buy and install a chargepoint, £350 per grant.

Who can claim the grant:

- Homeowners who live in flats.
- People living in rental accommodation (flats and single-use properties).

To be eligible for the grant, you must:

- Have dedicated off-street parking.
- Own, lease or have the use of a qualifying vehicle.
- Not have already claimed the grant (either the EV chargepoint grant or the previous EVHS grant) for your EV.

If you live in Scotland, you may be eligible for an additional grant of up to £300** through the Energy Saving Trust (EST). This is on top of the £350 OZEV grant.

For full details of OZEV grant funding, eligibility and how you can apply, please visit:
www.gov.uk/government/collections/government-grants-for-low-emission-vehicles
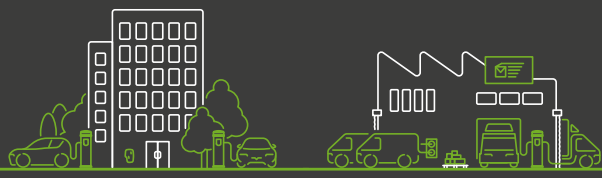
EV chargepoint grants for businesses, charities and public sector organisations

The UK government has some of the most ambitious targets in the world for reducing carbon emissions and backed them up with substantial grants for electric car charging installations. There are two OZEV grants available to workplaces, the **Workplace Charging Scheme (WCS)** and the **EV infrastructure grant for staff and fleets**.

EV infrastructure grant for staff and fleets

Small to medium business enterprises (SMEs) can also access the **EV infrastructure grant for staff and fleets** alongside the **WCS grant**, helping them install the infrastructure they need for chargepoints, now and in the future. Both grants can be used at the same site, but not for the same charging points.

Up to
£75,000*

- A grant is capped at £15,000 per building, or 75% of installation costs.
- Up to £850 grant funding is available per bay (£500 per parking bay provisioned with charging infrastructure, plus an additional £350 per parking bay with a working EV chargepoint).
- Chargepoints installed must be exclusively for staff or fleet use.
- You must install infrastructure for a minimum of 5 private off-street parking spaces, with at least one chargepoint.
- Businesses can claim up to 5 grants (only one grant per site that the business owns, leases or rents).

Who can claim the grant:

- SMEs with up to 249 employees.

Workplace Charging Scheme (WCS)

Up to
£14,000*

- The grant covers up to 75% of the total cost to purchase and install EV chargepoints.
- Up to £350 is available per socket.
- Max. of 40 sockets across all sites per applicant.
- Chargepoints must be used by staff or fleet only. Except for charities and small accommodation businesses, your guests and visitors may use the chargepoints.

Who can claim the grant:

- Workplaces
- Small accommodation businesses (inc. Hotels, B&Bs, Holiday Lets & Campsites)
- Charities

Please note, if your home is your registered workplace with Companies House or HMRC, you may be eligible for the grant.

WCS for state-funded education institutions

Up to
£100,000*

- The grant covers up to 75% of the total cost to purchase and install
- EV chargepoints.
- Up to £2,500 is available per socket.
- Max. of 40 sockets across all sites (this includes any applications made previously through the Workplace Charging Scheme).

Who can claim the grant:

- State-funded schools and education institutions in England, Wales, Scotland and Northern Ireland. If your institution is in the Channel Islands or the Isle of Man, it is not eligible

Please note, if you want to open your chargepoints to the public and charge for usage, you will need to ensure you comply with the Public Chargepoint Regulations 2023 and associated guidance.

For full details of OZEV grant funding, eligibility and how you can apply, please visit: www.gov.uk/government/collections/government-grants-for-low-emission-vehicles

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* Subject to OZEV Ts & Cs

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EV chargepoint grants for landlords, social housing providers & property factors

To assist landlords with providing EV charging to their tenants, the government has developed two OZEV grants. The **EV chargepoint grant for landlords** and the **EV infrastructure grant for residential car parks**. These grants have been designed to save landlords thousands of pounds on infrastructure and installing EV chargers.

EV chargepoint grant for landlords

Up to

£70,000*per year

- Up to 75% of the cost to buy and install an EV chargepoint, limited to £350 per grant.
- Each financial year, landlords can receive up to:
  - 200 grants for residential properties
  - 100 grants for commercial properties

These can be across several properties and installations or for one property.

Who can claim the grant:

- Building owners (including landlords and social housing providers and property factors).
  - single-unit residential properties, such as flats and houses
  - multi-unit residential properties, such as apartment blocks
  - commercially-let units

EV infrastructure grant for residential car parks

Up to

£900,000*per year

- A grant of up to £30,000 per building or estate.
- Limited to 30 grants per financial year.
- You must install infrastructure for a minimum of 5 private off-street parking spaces, with at least one working chargepoint.
- Up to £850 grant funding is available per bay (£500 per parking bay provisioned with charging infrastructure, plus an additional £350 per parking bay with a EV chargepoint).

If more chargepoints are needed in addition to those provided by this grant, then the **EV chargepoint grant for landlords** may be used.

Who can claim the grant:

- Landlords or other entity who rents, leases or manages properties in the UK.
  - multi-unit residential properties, such as apartment blocks

For full details of OZEV grant funding, eligibility and how you can apply, please visit:
www.gov.uk/government/collections/government-grants-for-low-emission-vehicles

* Subject to OZEV Ts & Cs

Funding for businesses, local authorities, & land-owners

wattif

ROLEC*EV*
in partnership with
wattif

Wattif EV offers you the most flexible and transparent investment opportunity for EV charging infrastructure on the market.

FULLY FUNDED

No CapEx & OpEx Solution

- No EV infrastructure costs
- Turnkey solution
- 20% Client net revenue share
- Full site management

An ideal solution for businesses, local authorities, and land-owners seeking to offer public EV charging and generate revenue without making any investment.

PART FUNDED

Share Costs & Revenue in a Joint Venture

- 50/50 Shared investment
- OZEV grant access
- 50% Client net revenue share
- Full site management

An ideal solution for businesses, local authorities, and land-owners seeking to offer public EV charging with reduced upfront costs, while generating shared revenue.

MONTHLY SUBSCRIPTION

Zero CapEx – Fixed Monthly Solution

- No upfront EV infrastructure costs
- Turnkey solution
- OZEV grant access
- Full site management

Perfect for businesses that want to provide EV charging and do not seek to generate or share revenue. Choose the level of investment and fix a monthly fee.

Whichever model, Wattif EV will always operate & maintain the chargepoints. All operating costs are included.

Interested? Contact Wattif to find out more: **salesuk@wattifev.com**

OUR CUSTOMERS

amazon

love every drop. anglianwater

BCA

Balfour Beatty

BLOOR HOMES

NISSAN

DHL

SAINT-GOBAIN

First

Goodman

Heathrow

IKEA

JCT600

MG

Meadowhall

Mercedes-Benz

NHS

National Trust

next

PayPal

SKANSKA

SPORTS DIRECT.com

UPS

Vauxhall

CALA HOMES

Case studies:

Workplace charging

Northumberland County Council

Northumberland County Council

The County Hall Solar Carport, Storage and EV Charging Project

The £3.8 million solar-powered project at Castle Morpeth County Hall features an 800kW solar array and 400kW of battery storage, making it self-sufficient in energy. The energy produced is used to power the council building and charge electric vehicles, using 100 x ROLEC EV 22kW SECURICHARGE fast chargepoints for their staff and fleet vehicles.

Managed by Monta's back-office, the completed chargepoint network has access to the most advanced features for fleet management. Such as a fully integrated approach to vehicle metrics, giving you information on battery size, state of charge, charging percentage and location, as well as other details. The project is expected to save the council £100,000 to £150,000 annually, which can be reinvested in services, and reduce carbon emissions by over 250 tonnes yearly.

Case studies:
Destination charging

Case studies:
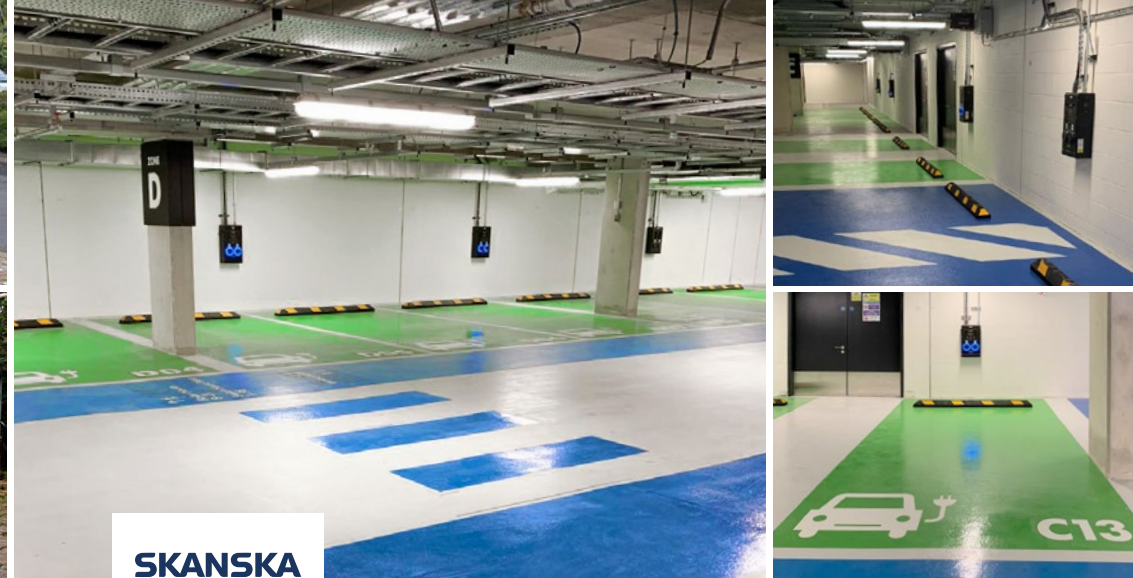## Residential charging
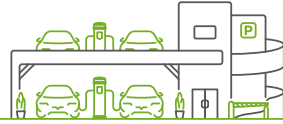
Lake District National Park

The Electrification Journey of the District

ROLEC EV worked closely with AMP EV to support the Lake District National Park's electrification journey. Our QUANTUM (AC fast) and UFC 200 (DC rapid) charging stations, complete with a back-office management system that enables Lake District National Park Authority to open up its charging network to the general public.

Now benefiting from 28 EV chargepoints, facilitating seamless recharging for both their fleet drivers and visitors. Implementing an electric fleet and deploying EV charging infrastructure across multiple locations play a significant role in meeting their net zero targets. Electric vehicle drivers can now conveniently recharge their vehicles while traveling from the district.

Battersea Power Station

Secure and accessible EV charging for residents

As part of a £9 billion project in central London, Battersea Power Station installed 500 strong EV chargepoint networks that will enable residents to use their personal security/access RFID card to activate any chargepoint.

The installation of ROLEC's SECURICHARGE units and the combination of a smart back-office management solution, including tailor-made load management software enabled residents to recharge whilst completely integrating with the site's management agency.

Due to limited power availability, Battersea Power Station has significantly benefited from the chargepoint management's Electricity Load Management feature, which ensures that all charging facilities remain available at all times.

Case studies:

Fleet charging
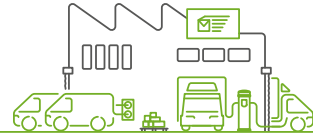
Development charging

The City of Edinburgh Council

Edinburgh City Council Unveils New Electric Refuse Collection Fleet

Funded by Zero Waste Scotland, Edinburgh City Council is adding new electric refuse collection vehicles (eRCVs) to its fleet, aiming for full electrification by the end of 2024. To support these 20-tonne eRCVs, the council partnered with ROLEC to install 10 x 80kW UltraCharge 160 chargepoints.

The units are equipped with bespoke 7m extended cables and can be upgraded to 160kW. Creating a robust and scalable charging network for their larger EVs, all backed by an extended hardware warranty provided by ROLEC. The chargepoints use OCPP 1.6-J hardware, allowing the council to trial Monta's software. This setup enhances their recycling services and reduces carbon emissions, helping the council meet its environmental goals.

Keepmoat Homes

EV charging project to meet regulations for residential buildings

As of June 2022, all new residential buildings must be equipped with smart EV chargepoints to encourage EV uptake. Developments with 10+ parking spaces must include a chargepoint for each dwelling with parking and cable routes for all other spaces. ROLEC was appointed to supply chargepoints for a Keepmoat Development in Doncaster which features over 600 houses all fitted with a WALLPOD unit.

Many other key housing developers including Barrett Homes, Kier, Taylor Wimpey, Redrow Homes, Bloor Homes, Fairview Homes, Cala Homes, Elan Homes, Bellway Homes, Orbit Homes, and Persimmon Homes have also opted for ROLEC's cost-effective charging solutions on their development's past and present.

Case studies:

Commercial charging

Meadowhall

Watt's Next? Meadowhall charges ahead with electric convenience

Meadowhall, the leading shopping and leisure destination, has plugged into the future of mobility with ROLEC EV, installing over 50 charging points. Initially offering free charging, these points are poised to potentially switch to a pay-to-charge model. Our state-of-the-art QUANTUM pedestals not only facilitate charging but also serve as stylish amenity lighting across Meadowhall's expansive car parks, strategically positioned to cater to all, including disabled and parent & child parking spaces.

By seamlessly integrating with a chargepoint management back-office, Meadowhall now manages its own charging network, aligning tariffs with energy costs while also exploring avenues for additional revenue. With Meadowhall leading the charge, shoppers can expect a seamlessly charged experience that propels them into a sustainable future.

ROLEC*EV*

When it comes to progress, we say

'Roll on electric!'

Leading the charge towards a greener future since 2007

ROLEC

Caravan hook-up solutions & Marina services

PRODUCT CATALOGUE

www.rolecserv.com/catalogue

Information provided is non-contractual but was believed to be correct at the time of publication (E&OE).

ROLECEV

t: 01205 724773
e: wholesaleorders@rolecserv.co.uk

www.rolecserv.com