ELECTRIC VEHICLE CHARGING

Rolec manufacture the UK's largest and most diverse range of electric vehicle charging solutions

With over 10 years of experience in the EV industry, Rolec have designed, manufactured and installed electric vehicle charging points across some of the most established locations across numerous industries.

From EV charging solutions for the home, commercial locations, workplaces and fleets, Rolec EV provides an exceptional service, led by a team of dedicated experts. Whilst offering the UK's largest range of AC Fast and DC Rapid charging points, Rolec has the reputation for delivering cost-effective, scalable solutions to suit all budgets and requirements.

The extensive range of Rolec EV charging points has proven to be a success amongst many businesses and organisations, with many opting for Rolec's smart OCPP compliant back office management system VENDELECTRIC.

Rolec also manufactures a vast range of OZEV grant funded charging points, allowing both EV drivers and businesses to take advantage of significant cost savings when purchasing and installing EV charging points at their homes and workplaces.

WALLPOD:EV

DOMESTIC RANGE

- Mode 3 (IEC 61851-1) fast charging
- Type 2 (IEC 62196) charging socket
- 3.6kW (16A) & 7.2kW (32A) charging speeds
- Built-in overload & fault current protection (Type A RCBO)
- Built-in DC sensitive protective device
- Built-in LED charging status indicator
- Certificated by the BSI as safe to use in the domestic environment
- IP Rated & UV stabilised
- Corrosion & impact resistant
- Fire retardant

Mode 3 Fast Charging

Safety In The Home Certified

Colour Options Available

IP Rated & UV Stabilised

Flame Retardant

CE Certified

WALLPOD:EV – TETHERED LEAD

This low-cost, entry level tethered charging unit is designed to offer full Mode 3 fast charging to every electric vehicle (EV/PHEV) on the market today and is available with either a Type 1 or Type 2 tethered cable.

This charging unit has been specifically designed for domestic locations, but can also serve offices, factories, restaurants, hotels, sports venues, etc.

Dimensions (W x H x D): 179mm x 415.5mm x 142mm

PRODUCT CODE	DESCRIPTION
EVWP1080	3.6kW (16A) Type 1 tethered lead (5m)
EVWP1085	3.6kW (16A) Type 1 tethered lead (10m)
EVWP1140	7.2kW (32A) Type 1 tethered lead (5m)
EVWP1145	7.2kW (32A) Type 1 tethered lead (10m)
EVWP2080	3.6kW (16A) Type 2 tethered lead (5m)
EVWP2085	3.6kW (16A) Type 2 tethered lead (10m)
EVWP2140	7.2kW (32A) Type 2 tethered lead (5m)
EVWP2145	7.2kW (32A) Type 2 tethered lead (10m)

See our selection of SMART CHARGERS
Turn to pages 12-13

WALLPOD:EV – SOCKET

Compatible with every electric vehicle (EV/PHEV) on the market today, this Type 2 socket chargepoint has been specifically designed for domestic and commercial locations, including offices, factories, restaurants, hotels, sports venues etc.

Dimensions: (W x H x D): 179mm x 367mm x 142mm

"Rolec EV has manufactured and supplied over **75,000** WallPods to date"

PRODUCT CODE	DESCRIPTION
EVWP2010	3.6kW (16A) Type 2 socket
EVWP2020	7.2kW (32A) Type 2 socket

WALLPOD:EV MULTIMODE

An entry level, cost-effective unit, offering full mode 3 charging via a Type 1 or Type 2 tethered lead.

This chargepoint also provides an IP65 weather protected 13A domestic socket, ideal for home and garden maintenance.

Dimensions (W x H x D): 179mm x 415.5mm x 142mm

PRODUCT CODE	DESCRIPTION
EVMM0010	3.6kW (16A) Type 1 tethered lead (5m) complete with 13A (up to 2kW) domestic socket
EVMM0020	7.2kW (32A) Type 1 tethered lead (5m) complete with 13A (up to 2kW) domestic socket
EVMM0030	3.6kW (16A) Type 2 tethered lead (5m) complete with 13A (up to 2kW) domestic socket
EVMM0040	7.2kW (32A) Type 2 tethered lead (5m) complete with 13A (up to 2kW) domestic socket

WALLPOD:EV READY

The perfect chargepoint for domestic properties, the WALLPOD:EV Ready is complete with a IP65 weather protected 13A domestic socket, doubling up as both an outdoor home/garden maintenance socket and a trickle charge Mode 2 EV chargepoint.

This unit is ideal for low cost installation on new build homes and has been designed to be easily upgraded to full Mode 3 fast charging in the future.

Dimensions (W x H x D): 179mm x 367mm x 142mm

PRODUCT CODE	DESCRIPTION
EVWP0020	13A (up to 2kW) domestic socket
UPGRADE OPTIONS:	
EVUG0010	Upgrade to 3.6kW (16A) Type 1 tethered lead (5m)
EVUG0020	Upgrade to 7.2kW (32A) Type 1 tethered lead (5m)
EVUG0030	Upgrade to 3.6kW (16A) Type 2 tethered lead (5m)
EVUG0040	Upgrade to 7.2kW (32A) Type 2 tethered lead (5m)
EVUG0050	Upgrade to 3.6kW (16A) Type 2 socket
EVUG0060	Upgrade to 7.2kW (32A) Type 2 socket

"The low cost, future proof EV charging solution for your new builds"

WALLPOD:EV RANGE

30 COLOUR OPTIONS

*Not all colour combinations are visible in the illustration above

A colour combination for every location

The WALLPOD:EV can be as bright or inconspicuous as desired. Choose from 30 different colour combinations.

Base Colours:	Pod Colours:
Warm White	Lime Green
Jet Black	Dusk Blue
Dusk Blue	Red
Light Grey	Anthracite Grey
Anthracite Grey	Chocolate Brown
Terracotta	

ROLECEV
In partnership with ev.energy

WALLPOD:EV HOMESMART

A smart charging unit which has been designed to provide the user with a simple, mobile phone interactive EV charging solution for the home.

The EV driver can control the charging activity of their WALLPOD:EV HOMESMART unit using their mobile phone, as well as allowing them to monitor/record all their charging activity, data and history.

Available with a Type 2 Mode 3 charging socket, or a Type 1 or Type 2 tethered lead, offering either 3.6kW (16A) or 7.2kW (32A) charging speeds.

Dimensions (W x H x D):
Socket: 179mm x 367mm x 142mm
Tethered: 179mm x 415.5mm x 142mm

PRODUCT FEATURES

- Smart charging (see smart features)
- Supplied with external overload & fault current protection (Type A RCBO)
- Built-in DC sensitive protective device
- Built-in LED charging status indicator
- Built-in Class 1 MID compliant kWh meter
- Built-in Modem and roaming sim
- Built-in GPRS communication antenna
- OZEV Grant Fundable under the Electric Vehicle Homecharge Scheme (excluding 10m tethered lead versions)
- IP Rated and UV Stabilised
- Easy to install and maintain

"On average, smart charging your EV can save £150 per year off your energy bill"

PLEASE NOTE: HomeSmart requires a suitable GPRS network signal of 14 CSQ or above

EVHS GRANT FUNDING
Available for HomeSmart EV units
See page 14 or visit www.rolecserv.com Ts&Cs apply

EVHS2010

EVHS2080

Socket		EVHS FUND ELIGIBLE
PRODUCT CODE	DESCRIPTION	
EVHS2010	3.6kW (16A) Type 2 socket	
EVHS2020	7.2kW (32A) Type 2 socket	

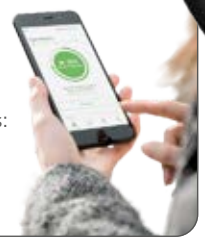
Tethered Lead		EVHS FUND ELIGIBLE
PRODUCT CODE	DESCRIPTION	
EVHS1080	3.6kW (16A) Type 1 tethered lead (5m)	
EVHS1140	7.2kW (32A) Type 1 tethered lead (5m)	
EVHS2080	3.6kW (16A) Type 2 tethered lead (5m)	
EVHS2140	7.2kW (32A) Type 2 tethered lead (5m)	
*10m version NOT eligible for EVHS funding:		
EVHS1085	3.6kW (16A) Type 1 tethered lead (10m)*	
EVHS1145	7.2kW (32A) Type 1 tethered lead (10m)*	
EVHS2085	3.6kW (16A) Type 2 tethered lead (10m)*	
EVHS2145	7.2kW (32A) Type 2 tethered lead (10m)*	

SMART FEATURES:

Live Charging Activity:
- Charging status
- Stop / start charging
- Smart & boost charging
- Charging notifications

Charging History:
- Total energy used
- Historical data
- CO_2 savings

Advanced Settings:
- Tariff optimisation
- Green charging
- Grid services
- Fleet management



DOWNLOAD THE ev.energy APP FREE

Download on the App Store
GET IT ON Google Play

OZEV GRANT FUNDED EV CHARGEPOINTS

Office for Zero Emission Vehicles

Benefit from huge savings for both domestic and workplace locations when purchasing smart EV chargepoints

CHARGEPOINTS FOR THE HOME

SAVE £350*

FREE 3 YEAR WARRANTY

The Office for Zero Emission Vehicles (OZEV) are proactively supporting the deployment of smart home EV charging points across the UK by providing millions of pounds worth of grant funding.

AM I ELIGIBLE FOR THE £350 OZEV EVHS GRANT?

The OZEV EVHS (Electric Vehicle Homecharge Scheme) grant allows you to reduce the cost of your home charging unit by £350.

Your eligibility checklist...

- You have dedicated off-street parking
- Your plug-in vehicle was purchased after 1 October 2016
- You have not already claimed the grant for your vehicle
- By claiming the grant, you are not exceeding the limit of two OZEV funded charge points per household

For more details go to
www.rolecserv.com/ozev-grant-funding

*Subject Rolec & OZEV Ts & Cs (April 1st, 2020, until further notice)

CHARGEPOINTS FOR THE WORKPLACE

The WCS (Workplace Charging Scheme), operated by the Government's Office for Low Emission Vehicles (OZEV), is a voucher-based scheme designed to provide eligible applicants with support towards the upfront costs of the purchase and installation of EV chargepoints.

SAVE UP TO £14,000*

FREE 3 YEAR WARRANTY

AM I ELIGIBLE FOR THE OZEV WCS GRANT?

The WCS grant is available to any business, charity or public authority and allows you to reduce the cost of your workplace chargepoint by £350 per socket, up to a maximum of £14,000 (40 sockets) across all sites for each applicant

Your eligibility checklist...

- You must have sufficient off-street parking
- While you do not need to currently have electric vehicles as part of your fleet, you will need to express an existing or future need for the business
- You must have the charging station installed by an OZEV/ Rolec approved workplace charging station installer

For more details go to
www.rolecserv.com/ozev-grant-funding

*Subject Rolec & OZEV Ts & Cs (April 1st, 2020, until further notice)

EVOPEN charge

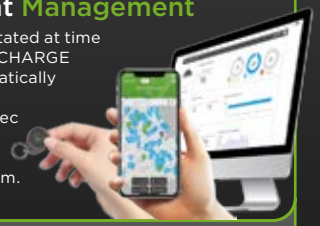
ROLEC EV OCPP COMPLIANT CHARGING RANGE
From 3.6kW to 200kW Charging

TOTAL FLEXIBILITY COMPLETE INTEGRATION

EV OPENCHARGE is Rolec EV's OCPP smart charging range specifically designed to connect to any OCPP back office management system in the world. Simply choose your desired Rolec chargepoint from the EV OPENCHARGE range and your preferred back office, we will then integrate the two.

Chargepoint Management

Unless otherwise stated at time of order, EV OPENCHARGE units will be automatically programmed to operate via the Rolec VENDELECTRIC back office management system.



For more on VENDELECTRIC, see pages 36-40

The Chargepoints

- Compatible with all electric vehicles
- AC Fast & DC Rapid charging
- EN 61851-1 & BS EN 62196 compliant
- CHAdeMo & CCS Rapid charging
- Mobile phone and/or RFID integration
- Simply requires an electricity supply and GPRS or ethernet connection

OCPP (Open Charge Point Protocol)

- Can integrate with any OCPP back office
- Remote over the air firmware updates

Typical back offic features

- Pay-to-charge by mobile phone
- Authorise to charge by RFID card/fob
- Chargepoint management dashboard
- Real-time, historical & analytical reporting
- Remote charging tariff updates
- Manage your own chargepoints

OCPP 1.6 Compliant

Grant Fundable

GPRS / Ethernet Connectivity

Operator Revenue Stream

CE Certified

Branding & Colour Options Available

Bespoke colour options & branding are available
Contact ROLEC for more information

EVWP2036 EVWP2010
OCPP2016

WALLPOD:EV

COMMERCIAL RANGE

With over 75,000 designed, manufactured and installed, the WALLPOD:EV is a popular cost-effective option for a variety of commercial requirements. From 3.6kW through to superfast 22kW charging speeds, the WALLPOD:EV range provides a charging solution for all locations and budgets.

Dimensions (W x H x D):
179mm x 367mm x 142mm

- Free-to-charge versions
- Pay-to-charge versions operated via mobile phone and/or RFID card/fob (EV OPENCHARGE range)
- Built-in LED charging status indicator
- AC overload & fault current protection (see table)
- DC sensitive protection (see table)
- IP Rated & UV Stabilised
- Corrosion resistant, fire retardant & impact resistant design

Free To Use

PRODUCT CODE	DESCRIPTION	PROTECTION
EVWP2010	3.6kW (16A) Type 2 socket	• Built-in Type A RCBO • Built-in DC sensitive protective device
EVWP2020	7.2kW (32A) Type 2 socket	
SUPERFAST - 3 PHASE:		
EVWP2036	11kW (16A) Type 2 socket with hatchlock	• Built-in 100A 3Pole 3MOD Isolator • Built-in DC sensitive protective device
EVWP2046	22kW (32A) Type 2 socket with hatchlock	
EVWP2096	11kW (16A) Type 2 tethered lead (5m)	
EVWP2156	22kW (32A) Type 2 tethered lead (5m)	

*Unless stated at time of order, EV OpenCharge units will be programmed to operate via the Rolec VendElectric back office management system. See pages 36-40 for details

For Rolec back-office management solutions see pages 36-40

EV OpenCharge*

WCS FUND ELIGIBLE

PRODUCT CODE	DESCRIPTION	PROTECTION
OCPP2016	3.6kW (16A) Type 2 socket with hatchlock	Supplied with a 4 mod metal clad consumer unit, containing: • AC overload protection (MCB) • AC & DC fault protection (RCD)
OCPP2026	7.2kW (32A) Type 2 socket with hatchlock	

Bespoke colour options & branding are available
Contact ROLEC for more information

SECURICHARGE:EV

The SECURICHARGE:EV wall-mounted charging point is a heavy duty and vandal resistant unit, providing the perfect solution for exposed locations.

- Type 2 (IEC 62196) charging socket(s) with hatchlock(s)
- Free-to-charge versions with Key switch control as standard
- Pay-to-charge versions operated via mobile phone and/or RFID card/fob (EV OPENCHARGE range)
- Built-in AC overload & fault current protection & DC sensitive protection
- LED charging status indicator socket halo(s)
- Black & white colour options as standard*

EVSC0020 OCPP0121 EVSC0060

Dimensions (W x H x D): 200mm x 500mm x 125mm,
XL Enclosure – 320mm x 575mm x 155mm

For Rolec back-office management solutions see pages 36-40

Free-To-Use	
PRODUCT CODE	DESCRIPTION
EVSC0010	3.6kW (16A) Type 2 socket
EVSC0020	7.2kW (32A) Type 2 socket
EVSC0050	2 x 3.6kW (16A) Type 2 sockets
EVSC0060	2 x 7.2kW (32A) Type 2 sockets
SUPERFAST – 3 PHASE:	
EVSC0030	11kW, 3 phase (16A) Type 2 socket
EVSC0040	22kW, 3 phase (32A) Type 2 socket
EVSC0200	2 x 11kW (16A) Type 2 sockets, XL Enclosure
EVSC0210	2 x 22kW (32A) Type 2 sockets, XL Enclosure

EV OpenCharge** — WCS FUND ELIGIBLE	
PRODUCT CODE	DESCRIPTION
OCPP0110	3.6kW (16A) Type 2 socket, XL Enclosure
OCPP0111	7.2kW (32A) Type 2 socket, XL Enclosure
OCPP0120	2 x 3.6kW (16A) Type 2 sockets, XL Enclosure
OCPP0121	2 x 7.2kW (32A) Type 2 sockets, XL Enclosure
SUPERFAST – 3 PHASE:	
OCPP0112	11kW (16A) Type 2 socket, XL Enclosure
OCPP0113	22kW (32A) Type 2 socket, XL Enclosure
OCPP0122	2 x 11kW (16A) Type 2 sockets, XL Enclosure
OCPP0123	2 x 22kW (32A) Type 2 sockets, XL Enclosure

*For white units add 'W' at the end of the product code e.g. EVQR0110W

** Unless stated at time of order, EV OpenCharge units will be programmed to operate via the Rolec VendElectric back office management system. See pages 36-40 for more details

Visit our website: **www.rolecserv.com**

WCS GRANT FUNDING
Available for EV OpenCharge units
See page 15 or visit www.rolecserv.com Ts&Cs apply

BASICCHARGE:EV

The BASICCHARGE:EV pedestal replicates Rolec's world leading Classic utility pedestal, which provides a simple and effortless EV charging experience for all users.

- Type 2 (IEC 62196) charging socket(s) with security hatchlock(s)
- Free-to-charge versions
- Pay-to-charge versions operated via mobile phone and/or RFID card/fob (EV OPENCHARGE range)
- Built-in AC overload & fault current protection & DC sensitive protection
- LED charging status indicator socket halo(s)
- LED amenity lighting head
- IK10 impact rating
- Surface or root mountable (see page 31)
- Black & white colour options as standard*

OCPP0211 EVCL2016

Dimensions (W x H x D): 205mm x 1130mm x 205mm
BasicCharge:EV ground mounting base – GMCP0010

Free To Use	
PRODUCT CODE	DESCRIPTION
EVCL2005	3.6kW (16A) Type 2 socket
EVCL2006	7.2kW (32A) Type 2 socket
EVCL2015	2 x 3.6kW (16A) Type 2 sockets
EVCL2016	2 x 7.2kW (32A) Type 2 sockets
SUPERFAST – 3 PHASE:	
EVCL2007	11kW (16A) Type 2 socket
EVCL2008	22kW (32A) Type 2 socket
EVCL2017	2 x 11kW (16A) Type 2 sockets
EVCL2018	2 x 22kW (32A) Type 2 sockets

For Rolec back-office management solutions see pages 36-40

EV OpenCharge** — WCS FUND ELIGIBLE	
PRODUCT CODE	DESCRIPTION
OCPP0210	3.6kW (16A) Type 2 socket
OCPP0211	7.2kW (32A) Type 2 socket
OCPP0220	2 x 3.6kW (16A) Type 2 sockets
OCPP0221	2 x 7.2kW (32A) Type 2 sockets

*For white units add 'W' at the end of the product code e.g. EVQR0110W

** Unless stated at time of order, EV OpenCharge units will be programmed to operate via the Rolec VendElectric back office management system. See pages 36-40 for more details

Over **200,000** EV Charging Points Manufactured & Supplied to Date

WCS GRANT FUNDING
Available for EV OpenCharge units
See page 15 or visit www.rolecserv.com Ts&Cs apply

AUTOCHARGE:EV

The AUTOCHARGE:EV is a heavy duty, hard wearing EV charging pedestal, specifically designed and manufactured for both commercial and public facing environments.

- Type 2 (IEC 62196) charging socket(s) with security hatchlock(s)
- Free-to-charge versions
- Pay-to-charge versions operated via mobile phone and/or RFID card/fob (EV OPENCHARGE range)
- Built-in AC overload & fault current protection & DC sensitive protection
- Switchgear & components behind lockable door
- LED charging status indicator socket halo(s)
- Surface or root mountable (see page 31)
- Black & white colour options as standard*

EVPG0021

OCPP0021

Dimensions (W x H x D): 332mm x 1275mm x 270mm
AutoCharge:EV ground mounting base – GMPG0010

For Rolec back-office management solutions see pages 36-40

Free-To-Use	
PRODUCT CODE	DESCRIPTION
EVPG0010	3.6kW (16A) Type 2 socket
EVPG0011	7.2kW (32A) Type 2 socket
EVPG0020	2 x 3.6kW (16A) Type 2 sockets
EVPG0021	2 x 7.2kW (32A) Type 2 sockets
SUPERFAST – 3 PHASE:	
EVPG0012	11kW (16A) Type 2 socket
EVPG0013	22kW (32A) Type 2 socket
EVPG0022	2 x 11kW (16A) Type 2 sockets
EVPG0023	2 x 22kW (32A) Type 2 sockets

EV OpenCharge**	WCS FUND ELIGIBLE
PRODUCT CODE	DESCRIPTION
OCPP0010	3.6kW (16A) Type 2 socket
OCPP0011	7.2kW (32A) Type 2 socket
OCPP0020	2 x 3.6kW (16A) Type 2 sockets
OCPP0021	2 x 7.2kW (32A) Type 2 sockets
SUPERFAST – 3 PHASE:	
OCPP0012	11kW (16A) Type 2 socket
OCPP0013	22kW (32A) Type 2 socket
OCPP0022	2 x 11kW (16A) Type 2 sockets
OCPP0023	2 x 22kW (32A) Type 2 sockets

*For white units add 'W' at the end of the product code e.g. EVQR0110W

** Unless stated at time of order, EV OpenCharge units will be programmed to operate via the Rolec VendElectric back office management system. See pages 36-40 for more details

Bespoke colour options & branding are available
Contact ROLEC for more information

QUANTUM:EV

The QUANTUM:EV pedestal is a sophisticated and resilient EV charging point, providing a combination of durability and impeccable design, suitable for all locations.

- Type 2 (IEC 62196) charging socket(s) with security hatchlock(s)
- Free-to-charge versions
- Pay-to-charge versions operated via mobile phone and/or RFID card/fob (EV OPENCHARGE range)
- Built-in AC overload & fault current protection & DC sensitive protection
- LED charging status indicator socket halo(s)
- LED amenity lighting head
- IK10 impact rating
- Surface or root mountable (see page 31)
- Black & white colour options as standard*

EVQR0121

OCPP0421

Dimensions (W x H x D): 205mm x 1130mm x 205mm
Quantum:EV ground mounting base – GMQR0010

For Rolec back-office management solutions see pages 36-40

Free To Use	
PRODUCT CODE	DESCRIPTION
EVQR0110	3.6kW (16A) Type 2 socket
EVQR0111	7.2kW (32A) Type 2 socket
EVQR0120	2 x 3.6kW (16A) Type 2 sockets
EVQR0121	2 x 7.2kW (32A) Type 2 sockets
SUPERFAST – 3 PHASE:	
EVQR0112	11kW (16A) Type 2 socket
EVQR0113	22kW (32A) Type 2 socket
EVQR0122	2 x 11kW (16A) Type 2 sockets
EVQR0123	2 x 22kW (32A) Type 2 sockets

EV OpenCharge**	WCS FUND ELIGIBLE
PRODUCT CODE	DESCRIPTION
OCPP0410	3.6kW (16A) Type 2 socket
OCPP0411	7.2kW (32A) Type 2 socket
OCPP0420	2 x 3.6kW (16A) Type 2 sockets
OCPP0421	2 x 7.2kW (32A) Type 2 sockets
SUPERFAST – 3 PHASE:	
OCPP0412	11kW (16A) Type 2 socket
OCPP0413	22kW (32A) Type 2 socket
OCPP0422	2 x 11kW (16A) Type 2 sockets
OCPP0423	2 x 22kW (32A) Type 2 sockets

*For white units add 'W' at the end of the product code e.g. EVQR0110W

** Unless stated at time of order, EV OpenCharge units will be programmed to operate via the Rolec VendElectric back office management system. See pages 36-40 for more details

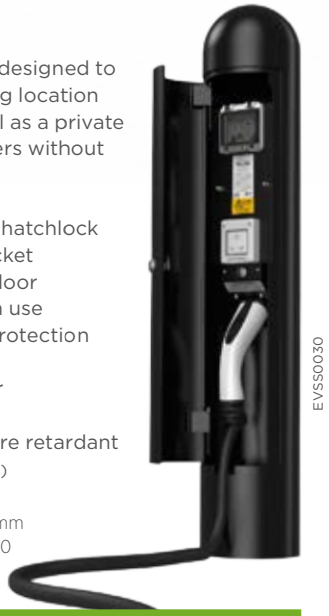
STREETSERV:EV

Brand Me

STREETSERV:EV is a robust, hard wearing and vandal resistant EV charging solution in the form of a traditional street furniture post.

STREETSERV:EV has been specifically designed to be installed in any exposed public facing location – and has proven particularly successful as a private on-street charging solution for EV drivers without access to off-street parking.

- Type 2 charging socket with security hatchlock
- IP55 weatherproof protected 13A socket
- Lockable socket/switchgear access door
- Door can be closed & locked whilst in use
- Built-in AC overload & fault current protection
- Built-in DC sensitive protection
- Built-in LED charging status indicator
- Manufactured to IP54 specifications
- Corrosion resistant,UV stabilised & Fire retardant
- Surface or root mountable (see page 31)



EVSS0030

Dimensions (W x H x D): 195mm x 1080mm x 195mm
StreetServ:EV ground mounting base – GMSS0010

UNIQUE PRODUCT • UNIQUE PRODUCT • UNIQUE PRODUCT •

Strong & Durable

PRODUCT CODE	DESCRIPTION
EVSS0030	3.6kW (16A) Type 2 socket plus 13A socket, complete with hatchlock
EVSS0040	7.2kW (32A) Type 2 socket plus 13A socket, complete with hatchlock

STREETCHARGE:EV

The STREETCHARGE:EV has been designed and developed to offer a highway specification LED street light combined with an electric vehicle chargepoint, providing Mode 3 fast charging in either 3.6kW or 7.2kW speeds.

This complete EV charging street light offers a 30W energy efficient LED lighting head, making the unit ideal for locations such as streets and highways, as well as both private and public car parking areas.

Dimensions: 6m column above ground / 1m of root below ground, 76mm diameter column top

Brand Me

PRODUCT CODE	DESCRIPTION	SYSTEM
EVST0010	3.6kW (16A) Type 2 socket	Free-To-Use
EVST0020	7.2kW (32A) Type 2 socket	Free-To-Use
EVST0030	3.6kW (16A) Type 2 socket	Key Switch Control
EVST0040	7.2kW (32A) Type 2 socket	Key Switch Control

Visit our website: **www.rolecserv.com**

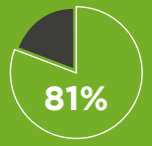
ROLECEV

MARKETING & RESOURCE MATERIALS

DID YOU KNOW?

8 out of 10 potential customers can be reached via social media

Customers will expect your business to have a social media presence.



81% of customers perform online research before making a purchase

Ensure your website is informative, full of content and up to date!

Helping your business sell Rolec EV chargepoints


PRODUCT IMAGES


PRODUCT DATASHEETS


SOCIAL MEDIA GRAPHICS


WEBSITE CONTENT


MARKETING FLYERS


INSTALLATION MANUALS

We've created this comprehensive marketing and support 'Google Drive', which you can access at the click of a button, to help you promote your services and the Rolec EV chargepoint range.

We recommend keeping the link **http://bit.ly/2JLVdBo** close to hand so you can use it whenever required.

DC WALLBOX 25kW RAPID CHARGER

The 25kW DC WALLBOX RAPID CHARGER is a compact wall or pedestal mounted unit offering an entry level, low cost DC rapid charging solution ideal for fleets, taxi companies, commercial locations, busy offices, etc.

Available in both 1way & 2way configurations as follows:

- 1x CCS2 Connection
- 1x CCS2 + 1x CHAdeMO Dual Connection

Brand Me

The DC WALLBOX RAPID CHARGER has a number of charge activation settings, including Free-to-Charge with optional Security Key Switch Control as well as Pay-to-Charge solutions, including smartphone and/or RFID Contactless Smartcard (Back Office Managed).

- Can be programmed to operated via Rolec's VENDELECTRIC back office management system (see page 36 for details)

PRODUCT CODE	DESCRIPTION
EVDC0050	1 x CCS2, 4m cable
EVDC0060	1 x CCS2, 7m cable
EVDC0030	1 x CCS2 / 1 x CHAdeMO, 4m cable

Dimensions (W x H x D): 680mm x 430mm x 230mm

DC WALLBOX PEDESTAL STAND

The 25kW DC WALLBOX RAPID CHARGER has been traditionally designed to mount directly onto a wall. However, there may be circumstances where a wall is not available and to accommodate this we have designed a mounting stand that can be fixed to the ground and support both the Wallbox and the supply cable.

Brand Me

Dimensions (W x H x D):
600mm x 1420mm x 404mm
Including WallBox:
680mm x 1420mm x 355mm

PRODUCT CODE	DESCRIPTION
EVDC0040	DC WallBox Pedestal Stand

UFC 200 DC CHARGING STATION

One of the most advanced, professionally engineered and future-proof ultrafast DC charging stations in the world. This ultrafast charger is upgradable from the entry level 50kW unit in modules of 12.5kW all the way up to 200kW without ever having to change or modify the station itself.

Each station can offer up to 4x AC and DC charging outlet combinations, and charge up to 4x vehicles simultaneously.

The UFC 200 has a number of charge activation settings, comprising Free-to-Charge and Pay-to-Charge solutions, including smartphone, RFID card/fob (Back Office Managed) with the option to add a contactless payment terminal.

Dimensions (W x H x D): 859mm x 2079mm x 998mm

- Offers both AC & DC charging
- Can offer up to 4x DC/AC charging outputs for simultaneous charging
- Up to 200kW charging speeds
- Supplied in any kW format & upgraded to higher levels in the future
- Mix & match the DC & AC outputs to suit requirements
- DC charges in CHAdeMO and/or CCS Combo. AC charges in 3.6kW, 7.2kW, 11kW and 22kW
- OCPP 1.6 compliant (Can integrate with any chosen back office)
- EMC Certified & Harmonics Compliant
- Built-in 7" colour customer interface display screen and RFID reader
- Standard 3.5m charging cables with 2.2m operating radius
- Extended reach cables available
- Optional contactless payment terminal
- Optional Emergency Stop
- Can be programmed to operated via Rolec's VENDELECTRIC back office management system (see page 36 for details)

Brand Me

PRODUCT CODE	DESCRIPTION
EVDC0230	UFC 50kW DC + 44kW AC 4in1 (CCS2+CHA+AC 22kW+22kW Socket)
EVDC0232	UFC 50kW DC + 22kW AC 3in1 (CCS2+CHA+AC 22kW Socket)
EVDC0233	UFC 50kW DC 2in1 (CCS2+CHA)
EVDC0250	UFC 100kW DC + 44kW AC 4in1 (CCS2+CHA+AC 22kW+22kW Socket)
EVDC0252	UFC 100kW DC + 22kW AC 3in1 (CCS2+CHA+AC 22kW Socket)
EVDC0253	UFC 100kW DC 2in1 (CCS2+CHA)
EVDC0270	UFC 150kW DC + 44kW AC 4in1 (CCS2+CHA+AC 22kW+22kW Socket)
EVDC0272	UFC 150kW DC + 22kW AC 3in1 (CCS2+CHA+AC 22kW Socket)
EVDC0273	UFC 150kW 2in1 (CCS2+CHA)
EVDC0290	UFC 200kW DC + 44kW AC 4in1 (CCS2+CHA+AC 22kW+22kW Socket)
EVDC0292	UFC 200kW DC + 22kW AC 3in1 (CCS2+CHA+AC 22kW Socket)
EVDC0293	UFC 200kW 2in1 (CCS2+CHA)

Other options available. Contact us for more details.

Portable EV Charging

CUBICHARGE:EV

The CUBICHARGE:EV has been designed to offer a portable, temporary electric vehicle charging solution in a compact, hard-wearing cube. Ideal for use at events, car showrooms, service centres, R&D facilities – in fact, anywhere temporary and portable EV charging is required.

By connecting the unit to an available three phase electrical supply, or generator, it provides Mode 3, 7.2kW fast charging for up to 3 EVs.

- Type 2 (IEC 62196) charging sockets
- Built-in AC overload & fault current protection
- Built-in DC sensitive protection
- LED charging status indicator socket halos
- Built-in electrical input coupler
- Carry handles and rubber stabilising feet
- Easy to transport, set up and use
- Manufactured to IP55 British Standard Institute (BSI) specifications
- Corrosion resistant, UV stabilised & fire retardant
- Impact resistant design

Brand Me

UNIQUE PRODUCT • UNIQUE PRODUCT • UNIQUE PRODUCT •

PRODUCT CODE	DESCRIPTION
EVCC0030	3 x 7.2kW (32A) Type 2 sockets / 32A three phase inlet

Dimensions (W x H x D):
400mm x 487.5mm x 455mm

Visit our website: **www.rolecserv.com**

CHARGECHECK:EV

The CHARGECHECK:EV unit has been designed to provide every electrician with the ability to confidently carry out a comprehensive and accurate test of EV Fast Charging stations.

This unique product is designed to assist in carrying out a full range of tests on most 3.6kW (16A) and 7.2kW (32A) single phase, Mode 3, Type 1 (J1772) and Type 2 (IEC 62196) EV chargepoints.

As well as the standard electrical testing, CHARGECHECK:EV also allows you to test the Mode 3 communication unit by simulating the communication protocol of an electric vehicle.

PRODUCT CODE	DESCRIPTION
EVTU0018	ChargeCheck:EV with adapter cable & carry bag
EVPP0145	Replacement Lead, 1m 32A Type 1 to Type 2

"Every EV charge point installer/ operator should have one"

Dimensions (W x H x D):
148mm x 450mm x 80mm

Call **+44 (0)1205 724773** or email **wholesaleorders@rolecserv.co.uk**

Bespoke Colour Options And Branding Available
Contact ROLEC for more information

EV CHARGING CABLES

Rolec EV holds the UK's largest stock and widest range of EV charging cables and accessories to suit every EV and PHEV on the market today, including:

- Plug to plug Mode 3 charging cables
- Tethered leads
- Portable Mode 2 charging cables
- Adapters & conversion leads
- Charging cable carry bags

EVPP0320

EVPP0080

EVPP0080

PRODUCT CODE	DESCRIPTION
EVPP0140	16A Type 1 to Type 2 charging cable (5m)
EVPP0160	32A Type 1 to Type 2 charging cable (5m)
EVPP0163	32A Type 1 to Type 2 charging cable (10m)
EVPP0080	16A Type 2 to Type 2 charging cable (5m)
EVPP0100	32A Type 2 to Type 2 charging cable (5m)
EVPP0105	32A 3 phase Type 2 to Type 2 SuperFast charging cable (5m)
EVPP0107	32A Type 2 to Type 2 charging cable (10m)
EVPP0108	32A 3 phase Type 2 to Type 2 SuperFast charging cable (10m)
EVPL0140	16A Type 1 tethered charging cable (5m)
EVPL0160	32A Type 1 tethered charging cable (5m)
EVPL0160B	32A Type 1 tethered charging cable (10m)
EVPL0070	16A Type 2 tethered charging cable (5m)
EVPL0090	32A Type 2 tethered charging cable (5m)
EVPL0091	32A Type 2 tethered charging cable (10m)
EVPL0092	32A 3 phase Type 2 SuperFast tethered charging cable (5m)
EVPP0320	Rolec Carrying Bag For EV Leads

Visit our website: **www.rolecserv.com**

EV CHARGEPOINT PROTECTION BARRIERS

Galvanised steel powder coated EV charging pedestal protection barriers. Black as standard, bespoke colour options available.

PRODUCT CODE	DESCRIPTION
EVCB0020	Root mount protection barrier
EVCB0040	Surface bolted protection barrier

Dimensions (W x H x D):
Root mount – 800mm x 1000mm (800mm above ground level) x 48.3mm,
Surface bolted – 800 x 750mm x 48.3mm

EV CHARGEPOINT SIGNAGE

Highlight your EV charging station facility with one of our aluminium screen printed EV charging station signs.

PRODUCT CODE	DESCRIPTION
EVPS0030	A3 landscape EV parking sign
EVPS0010	A4 landscape EV parking sign
EVPS0020	A5 landscape EV parking sign

Dimensions (W x H x D):
A3 – 297mm x 420mm x 1.5mm, A4 – 210mm x 297mm x 1.5mm, A5 – 148mm x 210mm x 1.5mm

PEDESTAL GROUND MOUNTING BASES

GMCP0010

Rolec's low cost root mounting bases are manufactured in hot dipped galvanised steel and provide the ideal solution for the strong stable mounting of our EV pedestal range.

GMQR0010

PRODUCT CODE	DESCRIPTION
GMCP0010	BasicCharge:EV Galvanised Steel Ground Mounting Base
GMQR0010	Quantum:EV Galvanised Steel Ground Mounting Base
GMPG0010	AutoCharge:EV Galvanised Steel Ground Mounting Base
GMSS0010	StreetServ:EV Galvanised Steel Ground Mounting Base

Over **200,000** EV Charging Points Manufactured & Supplied to Date

WALLPOD:EV SPARES & COMPONENTS

Huge stocks of WALLPOD:EV spare and replacement parts are ready for next day delivery.

PRODUCT CODE	DESCRIPTION
WPPO0020	Deep Base Unit
WPPO0030	13A Socket Pod
WPPO0260	DoorPod Lock
WPPO0270	Bespoke Corporate Badge
WPPO0280	BlankPod
WPPO0290	Switchgear DoorPod
WPPO0300	Socket DoorPod
ACSE0205	Black Cable Management Bracket
EVKS0030	Solar Switch For Socket Unit
EVKS0040	Solar Switch For Tethered Unit

O-PEN:EV CONSUMER UNIT

Designed specifically to provide a safe and compliant alternative to an Earth electrode/rod when installing 1 x single phase chargepoint to the existing PME earthing facility.

- Continually monitors the electrical system and in the event of a fault automatically disconnects all poles including the earth conductor (CPC)
- IP40 rated Powder Coated metal consumer unit
- Protect all types of 16A & 32A EV chargepoints
- Built-in Type A RCBO providing overload & 30mA fault current protection
- Built-in electrical contactor
- No Earth Electrode/Rod Required

PRODUCT CODE	DESCRIPTION
EVIN0050	20A 230V Monitoring & Protection Consumer Unit (For 3.6kW Chargers)
EVIN0060	40A 230V Monitoring & Protection Consumer Unit (For 7.2kW Chargers)

MOUNTING POSTS

A range of WALLPOD:EV mounting options including galvanised steel posts and powder coated box surface mount box section posts.

PRODUCT CODE	DESCRIPTION
EVFP0010	1350mm Galvanised Steel Mounting Post
EVFP0020	Box Section Powder Coated Mounting Post

GENERAL SPARES & COMPONENTS

Huge stocks of spare and replacement parts are ready for next day delivery.

If you can't find what you need, please call our wholesale team on 01205 724773. Alternatively email wholesaleorders@rolecserv.co.uk

PRODUCT CODE	DESCRIPTION
EVKS0010	Key switch control up to 32A compatible withWallPod:EV, BasicCharge:EV & AutoCharge:EV
EVKS0020	Key switch control up to 32A compatible with SecuriCharge:EV
EVRS0010	Remote wall mount Type 1 charge gun holster
EVRS0020	Remote wall mount Type 2 charge gun holster
EVPL0040	32A Type 2 Socket complete with hinged flap
ACEQ0135	C20A 30mA 1P+N 2MOD Type A 10kA RCBO
ACEQ0185	C40A 30mA 1P+N 2MOD Type A 10kA RCBO
ACER0045	C20A 30mA 4P 7.5MOD Type A 10kA RCBO
ACER0065	C40A 30mA 4P 7.5MOD Type A 6kA RCBO
ACES0010	100A 2P 2MOD DIN-Mount Isolator
ACES0015	100A 3P 4MOD DIN-Mount Isolator
ACES0020	100A 4P 4MOD DIN-Mount Isolator
ACEU0200	45A 1MOD 1phase 1000imp/kWh Digital DIN Rail Mounted Meter – MID B
ACSE0010	16A IEC 61851-1 Mode 3 Communication Module
ACSE0020	32A IEC 61851-1 Mode 3 Communication Module
ACSE0030	63A IEC 61851-1 Mode 3 Communication Module
ⓘ	**Please contact the team if you require a replacement Mode 3 Communication Module for a Smart EV Charger**
ACSE0060	16/32A 3P Contactor
ACSE0100	LED Status Indicator
ACSE0110	Service Selection Button
EVHL0045	Hatch Lock
ACSE0330	Modular Contactor 40A 4P L1/L2/L3/N 240V (COIL A1/A2)
RFID0010	EV OpenCharge RFID Card
RFID0020	EV OpenCharge RFID Fob
RFID1000	Delta DC Unit RFID Card
ACSR0130EV	EV 2Mod Metal Clad Consumer Unit
ACSE0108	EV LED Status Indicator Halo Rings Inc. PCB & Gasket
ASL0060	PUK GPRS Antenna

BRANDING OPTIONS

Rolec offers bespoke colour and branding options across the majority of its EV chargepoint range. These custom options are ideal for corporate branding, colours and logos.

VendElectric
SMART SOLUTIONS

Enabling you to manage & operate your own charging network

VENDELECTRIC is a unique EV charging platform providing businesses, organisations and similar with the ability to deploy and self manage their very own EV charging network, without having to incur any of the significant costs associated with developing a back-office, phone app and secure payment/management platform.

- **NO** Driver Annual Membership Fees
- **NO** Driver Monthly Subscription Fees
- **NO** Driver Connection Fees

DOWNLOAD THE FREE DRIVER APP

Download on the App Store

GET IT ON Google Play

PLEASE NOTE:

EV OpenCharge units will be programmed to operate via the Rolec VendElectric back office management system unless stated otherwise at the time of order.

Smart Charging Network

Mobile App / RFID Operated Charging

Operator Management

Operator Revenue Stream

Analytical Feedback

Customisable EV Driver Tariffs

APP FEATURES:

- Locate and navigate using the chargepoint map
- Remember, sort and save favourite locations
- View current & past charge session information
- Review statistics and analytical data
- Exportable data (ideal for submitting benefit-in-kind claims)
- Receive live charge session notifications and alerts
- Virtual wallet for quicker chargepoint activation
- Add/remove multiple EVs to a single account

GET IT ON Google Play

Download on the App Store

BENEFITS OF VENDELECTRIC...

...For your business/organisation

- You're In Complete Control
- Future-proof & Scalable Solution
- Mapped Network
- Customisable Tariffs
- Generate Revenue
- Smart Reporting & Analytical Feedback
- Fleet Management Solutions
- Automatic Fault Notifications
- Over The Air Updates
- Optional Electrical Load Management

...For the EV driver

- Easy To Operate
- No Upfront Costs
- Secure Payment Platform

Opayo VISA mastercard JCB

OPTIONAL VENDELECTRIC ADD-ON

LOAD MANAGER

VENDELECTRIC Load Manager is a chargepoint load-sharing solution which automatically optimises distribution of the available electricity feed(s) across your fleet of charge points.

This feature is specifically designed for installations where the electricity feed capacity is insufficient to fully power all charge points at once, intelligently allocating the available power across your chargepoint network to best satisfy real-time demand.

ENABLING YOU TO ***MAXIMISE YOUR CHARGEPOINT POTENTIAL*** ON RESTRICTED SUPPLIES

- EV Electrical Load Management
- Operator Management
- Ideal For Limited Incoming Power Supply
- Cloud-Based Back Office
- Ideal For EV Fleet Management
- Ideal For Private Residential Developments

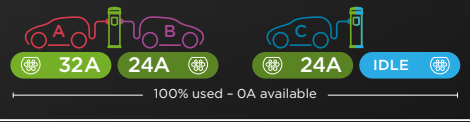
HOW IT WORKS *(Typical example below)*

- Standard A/C chargepoints (Up to 22 kWh) will use up to 32A.
- The site has 80A of power available and 4 chargepoints (2x 2way pedestals).
- The threshold for load management has been set at 40% of available power.
- The chargepoints are programmed to allow 128Ah at full capacity. In this example the first EV will receive full charging power for 4 hours (32A x 4hrs = 128Ah) at which point it will enter Load Management, whilst sharing the available power with the other occupied chargepoints.

1. When vehicle A arrives to charge, it is provided with a full charge because the threshold has not yet been exceeded.

2. Vehicle B will take the load over the threshold, therefore it is placed into load management. It will still get a full charge as the remaining capacity has no other vehicles charging.

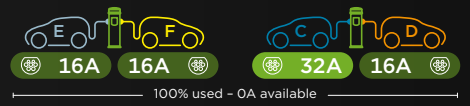
3. When vehicle C arrives, B and C will share the available capacity, whilst vehicle A remains on full charge until it leaves or receives 128Ah.



4. When vehicle D is introduced, B, C and D will all share the available capacity. Vehicle A continues to receive a full charge.

5. Now vehicle A has received 128Ah, it is placed into load management to share capacity with vehicles C and D. B is moved up to full charge until it either leaves or receives 128Ah.

6. The vehicles will remain charging in a first in first out basis whilst the load management threshold is exceeded.



PLEASE NOTE:

- Charge sessions receiving a full charge will have a maximum load equal to the cable's charging limit or the charge point's maximum (whichever is lowest).
- The remaining available feed is divided equally between chargers with a guaranteed minimum of 6A.
- If the total allocation exceeds the feed capacity, the chargers receiving a full charge will be down rated to accommodate.