The Future of EV Charging

EV Charging: Open to Everyone, Everywhere, Every Day
Rolec EV is a division of Rolec Services Limited of Boston, Lincolnshire, U.K. established in 1990 and widely recognised as one of the world’s leading specialists in the design, manufacture and installation of both outdoor and indoor electrical connection, hook-up, charging and distribution equipment.

With over 20 years’ experience in manufacturing outdoor electrical connection and charging equipment for marina and leisure industries worldwide, Rolec EV is well-placed to deliver high quality, fit for purpose, yet cost-effective EV charging stations and solutions to the electric vehicle charging industry.

Rolec EV offers Europe’s largest and most diverse range of EV charging stations to suit every location and budget, from the simple low-cost WallPod: EV Ready mode 2 domestic charging unit through to the revolutionary new commercial AutoCharge: PAYG pedestal which offers full chip and pin and contactless, bank secure payment solutions.

To view our full product range and download product information visit www.rolecserv.com
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EV General Terminology

- **EV** = Full electric vehicle or electric hybrid vehicle
- **EVSE** = Electric Vehicle Supply Equipment
- **Fast Charge** = Normally 16amp or 32amp AC charging
- **Rapid Charge** = Direct current (DC) charging
- **Mode 2** = Mains AC charging, usually utilising a 13amp socket and built-in IEC61851-1 communications unit within the charging lead
- **Communication unit** = Normally referred to as comms unit, being the unit based in the charging station that communicates with the car to initiate and deactivate charging sequences
- **Mode 3** = Mains AC charging from a charging station with built-in IEC61851-1 communication
- **J1772** = Type 1 charging usually via a 16amp or 32amp tethered lead
- **IEC62196** = Type 2 charging usually via a 16amp or 32amp socket
- **Tethered lead** = Usually a Type 1 fixed cable and plug charging solution permanently affixed to the charging station
- **Dummy socket** = Sometimes referred to as a stowage socket and usually used to store a J1772 Type 1 charging gun
- **LED status indicator** = Changes colour to indicate the status of the charging station / point
- **OLEV** = Office of Low Emission Vehicles, a team working across government to support and encourage the uptake of electric vehicles
- **PiP** = Plugged in Places, a government funded project to encourage the installation of electric vehicle charging points by providing grant funding
- **IET** = Institute of Engineering and Technology
£70 million to be spent on EV charging stations supported by Grant Funding

The Secretary of State for Transport announced on 19th February 2013 a new package of measures to support the uptake of Plug-In vehicles in the UK. The government committed £400 million to encourage the purchasing of full electric and electric hybrid vehicles of which £37 million has been directly allocated for the installation of tens of thousands of EV charging points throughout the UK.

This £37 million represents approximately 60% grant towards the installation of EV charging points which in effect means that by the time the private sector has covered the remaining 40%, a total of £62 million will be spent on government-supported EV charging points by April 2015.

In addition, it is believed that a further £10 to £15 million worth of privately-funded EV charging station installations will take place during this period in order to satisfy planning permission requirements and the anticipated demand for accessible EV charging stations.

Installation Notes
The installation of EV charging stations needs to be undertaken by competent and qualified electrical engineers and ideally these engineers should have, at the very least, attended one of a number of courses currently available such as the NICEIC’s EV Introductory Course or the full two day installation course offered by Group Horizon which results in a certificate being awarded.

It is recommended that anybody looking to undertake the installation of EV charging points should obtain a copy of the latest set of regulations issued by the IET.
WallPod : EV Ready

The Entry Level EV Charger

- Charges almost all current EV's at mode 2
- Fully prepared for future upgrade to mode 3
- Ideal for home builders wishing to offer low-cost EV charging to satisfy planning

WallPod : EV Ready is a low-cost solution able to charge in mode 2 format (13amp domestic socket) almost every electric vehicle currently on the market.

This unit has also been designed and prepared to be quickly and easily upgraded to full mode 3 charging as and when required.

This 13amp IP65 domestic socket complete with 10amp overload and 30mA fault current protection can also double up as the home's outdoor maintenance socket.
Join the EVolution

WallPod : EV Ready

Specifications
- Warm white base unit (other colours available upon request)
- Green service pods (other colours available upon request)
- Flame retardant to UL94 Flame rating at V2 for 1.5 and 3.0mm
- Glow wire rating tested to IEC60695-2-13
- BSI certificated to BS EN 60335-1 for safe use in the home
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations
- Corrosion resistant
- UV stabilised
- BS EN 60529 : IP65 category 1 certification (weatherproof)
- Operating temperature – 30°C to + 50°C

Performance
- Easy to install / low maintenance
- Designed to be permanently located indoors or outdoors
- Able to charge all current electric vehicles using mode 2 leads
- A 13amp socket protected by an IP65 rated access door
- 13amp domestic socket will fully charge an electric vehicle overnight
- A built-in 10amp RCBO accessible via an IP65 rated access door
- Full overload and fault current protection
- 230V AC / 50Hz
- Cable entry points in top, bottom and back

Options
- Optional facility to lock plug in place whilst charging
- Optional facility to lock RCBO access door
- Optional built-in Class 1 kWh meter
- Optional built-in time clock
- Easily upgradable to full mode 3 16 amp / 32amp fast charging
- Mode 3 upgrade kits widely available

Advantages
- Low cost EV charging
- Meets planning permission requirements for EV charging
- Offers 13amp outdoor maintenance socket
- Easily upgradeable to full mode 3 EV charging
- Easily upgradeable to full mode 3 16 amp / 32amp fast charging
- Mode 3 upgrade kits widely available

Europe’s largest range of EV charging solutions

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www.rolecserv.com

Six divisions of Rolec Services Ltd

Visit www.rolecserv.com to download and print A4 size data sheets
WallPod EV : BikeCharge

- Charges almost all current 4 wheel and 2 wheel EV’s at mode 2
- Ideal for home builders wishing to offer low-cost EV charging to satisfy planning

WallPod EV : BikeCharge is a low-cost solution designed specifically for providing safe and secure AC charging for electric pushbikes, scooters, mopeds and mobility vehicles, as well as doubling up as an outdoor IP65 rated 13amp maintenance socket.
The Rolec EV Charging Range:
• WallPod : EV Ready
• WallPod EV : BikeCharge
• WallPod EV : HomeCharge
• WallPod EV : Commercial Charge
• AutoCharge : Wall unit
• AutoCharge : Pedestal
• AutoCharge : PAYG
• Classic 3000
• EV StreetServ
• EV PayCentre
• Pay to Charge Solutions
• EV Plug to Plug Charging Leads
• EV : ChargeCheck – charging station tester

Specifications
• Warm white base unit (other colours available upon request)
• Green service pods (other colours available upon request)
• Flame retardant to UL94 Flame rating at V2 for 1.5 and 3.0mm
• Glow wire rating tested to IEC60695-2-13
• BSI certificated to BS EN 60335-1 for safe use in the home
• Manufactured in compliance with BS7671 wiring regulations
• Compliant with IET EV regulations
• Corrosion resistant
• UV stabilised
• BS EN 60529 : IP65 category 1 certification (weatherproof)
• Operating temperature – 30ºC to + 50ºC

Performance
• Easy to install / low maintenance
• Designed to be permanently located indoors or outdoors
• Able to charge all types of electric pushbikes, scooters, mopeds, and mobility vehicles
• A 13amp socket protected by an IP65 rated access door
• 13amp domestic socket will fully charge an electric bike or mobility vehicle
• A built-in 10amp RCBO accessible via an IP65 rated access door
• Full overload and fault current protection
• 230V AC / 50Hz
• Cable entry points in top, bottom and back

Options
• Optional facility to lock plug in place whilst charging
• Optional facility to lock RCBO access door
• Optional built-in Class 1 kWh meter
• Optional built-in time clock
• Optional corporate branding

Advantages
• Low-cost EV charging for your bike / scooter / mobility vehicle
• Meets planning permission requirements for EV charging
• Offers 13amp outdoor maintenance socket

Product code:
• EV WP0010

Europe’s largest range of EV charging solutions

Visit www.rolecserv.com to download and print A4 size data sheets
WallPod EV : HomeCharge

- Plugged in Places Compliant
- OCPP Compliant
- Back Office Management
- OLEV Accredited

WallPod EV : HomeCharge is a simple, low-cost, easy to install mode 3 16amp or 32amp J1772 (type 1) tethered lead style EV charging station designed specifically for charging electric vehicles at home.

This OLEV accredited charging station is also eligible for government grant funding where applicable.
### WallPod EV : HomeCharge

#### Specifications
- Warm white base unit (other colours available upon request)
- Green service pods (other colours available upon request)
- Flame retardant to UL94 Flame rating at V2 for 1.5 and 3.0mm
- Glow wire rating tested to IEC60695-2-13
- BSI certified to BS EN 60335-1 for safe use in the home
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations
- Corrosion resistant
- UV stabilised
- BS EN 60529 : IP65 category 1 certification (weatherproof)
- Operating temperature – 30°C to + 50°C

#### Performance
- Easy to install / low maintenance
- Designed to be permanently located indoors or outdoors
- Available in both 16amp (3.6kW) or 32amp (7.2kW)
- CE approved J1772 charging gun complete with 3m or 5m tethered lead
- Secure charging gun holster
- High quality flexible charging cable
- Cable management system
- Mode 3 IEC61851 compliant communication protocol
- A built-in 16amp or 32amp RCBO accessible via an IP65 rated access door
- Full overload and fault current protection
- 230V AC / 50Hz
- Multiple supply cable entry points

#### Options
- Optional GPRS communication facility
- Optional LED charging status indicator
- Optional facility to lock RCBO access door
- Optional built-in Class 1 kWh meter
- Optional built-in time clock
- Optional security key switch control
- Optional corporate branding
- OCPP communication protocol compliant
- Back office management facility
- Eligible for government grant funding (OLEV T&C’s apply)

#### Product codes:
- **EV WP1070** – 16amp / 3 metre lead
- **EV WP1080** – 16amp / 5 metre lead
- **EV WP1130** – 32amp / 3 metre lead
- **EV WP1140** – 32amp / 5 metre lead

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Visit www.rolecserv.com to download and print A4 size data sheets
WallPod EV : Commercial Charge

- Plugged in Places Compliant
- OCPP Compliant
- Back Office Management
- OLEV Accredited

WallPod EV : Commercial Charge is a simple, low-cost, easy to install, mode 3 fast-charge EV charging station offering either 16amp or 32amp (type 2) IEC62196 sockets, designed specifically for charging electric vehicles in commercial locations such as offices, factories, warehouses, car parks, restaurants, hotels, sports venues, showrooms and retail centres etc.

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WallPod EV : Commercial Charge

Specifications
- Warm white base unit (other colours available upon request)
- Green service pods (other colours available upon request)
- Flame retardant to UL94 Flame rating at V2 for 1.5 and 3.0mm
- Glow wire rating tested to IEC60695-2-13
- BSI certified to BS EN 60335-1 for safe use in the home
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations
- Corrosion resistant
- UV stabilised
- BS EN 60529 : IP65 category 1 certification (weatherproof)
- Operating temperature – 30ºC to + 50ºC

Performance
- Easy to install / low maintenance
- Designed to be permanently located indoors or outdoors
- CE approved Type 2 IEC62196 charging sockets
- Available in both 16amp (3.6kW) or 32amp (7.2kW) sockets
- Mode 3 IEC61851 compliant communication protocol
- A built-in 16amp or 32amp RCBO accessible via an IP65 rated access door
- Full overload and fault current protection
- 230V AC / 50Hz
- Multiple supply cable entry points

Options
- Optional hatch lock facility for locking charging lead into socket
- Optional GPRS communication facility
- Optional LED charging status indicator
- Optional facility to lock RCBO access door
- Optional built-in Class 1 kWh meter
- Optional built-in time clock
- Optional security key switch control
- Optional corporate branding
- OCPP communication protocol compliant
- Back office management facility
- Eligible for government grant funding (OLEV T&C’s apply)

Product codes:
- EV WP2010 – 16amp / non-locking
- EV WP2020 – 16amp / hatch lock
- EV WP2026 – 32amp / non-locking
- EV WP2026 – 32amp / hatch lock

Europe’s largest range of EV charging solutions

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Visit www.rolecserv.com to download and print A4 size data sheets
On-street and Car Park EV charging

- Plugged in Places Compliant
- OCPP Compliant
- Back Office Management

The AutoCharge EV charging wall unit is a heavy duty, hardwearing yet discreet wall or post mounted unit, designed and manufactured specifically for public locations. This PiP compliant charging station is able to provide single and multi-point EV charging solutions in all types and modes and is available in both free-to-use and a variety of pay-to-use formats.

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WallPod
EV
Power
Solutions
Accessories

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At play ...

At work... anywhere

The Rolec EV Charging Range:
- WallPod : EV Ready
- WallPod EV : BikeCharge
- WallPod EV : HomeCharge
- WallPod EV : Commercial Charge
- AutoCharge : Wall unit
- AutoCharge : Pedestal
- AutoCharge : PAYG
- Classic 3000
- EV StreetServ
- EV PayCentre
- Pay to Charge Solutions
- EV Plug to Plug Charging Leads
- EV : ChargeCheck – charging station tester

Europe’s largest range of EV charging solutions

On-street and Car Park EV charging

Specifications
- Manufactured in heavy duty, vandal-resistant steel
- Standard powder-coated colours are black or grey (other colours available upon request)
- Manufactured to IP65 weatherproof rating
- Lockable component and termination access door
- Wall units available in 450mm, 600mm and 800mm
- Pre-drilled fixing and cable entry points
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations
- Corrosion resistant
- UV stabilised
- Operating temperature – 30ºC to + 50ºC

Performance
- Design / build to your specific EV charging requirements
- Easy to install / low maintenance
- Designed to be permanently located outdoors
- Multiple vehicle charging capability

Options
- Able to offer 16amp (3.6kW) and 32amp (7.2kW) type 2 IEC62196 sockets
- Able to offer 16amp and 32amp 3 or 5 metre J1772 type 1 tethered leads
- Single and three phase charging available
- Mode 3 IEC61851 compliant communication protocol
- 13amp domestic and 16 / 32amp industrial sockets available
- Built-in overload and fault current protection to suit
- Optional hatch lock facility for locking type 2 charging lead into socket
- Optional LED charging status indicator
- Optional built-in Class 1 kWh meter / time clock
- Optional corporate branding
- OCPP communication protocol compliant
- Back office management facility
- Eligible for government grant funding (OLEV T&C’s apply)
- Optional LED illumination (area lighting)
- Optional 304 and 316 stainless steel versions
- Optional IEC62196 (type 2) socket lock-away facility

Payment methods
- Free-to-use
- Free-to-use / key switch control
- Coin / token pay-to-use
- RFID Smartcard pay-to-use (private / corporate / loyalty / membership)
On-street and Car Park EV charging

- Plugged in Places Compliant
- OCPP Compliant
- Back Office Management

The AutoCharge EV charging pedestal is a heavy-duty, hard-wearing, standalone pedestal designed and manufactured specifically for public locations. This PiP compliant charging station is able to provide single and multi-point EV charging solutions in all types and modes and is available in both free-to-use and a variety of pay-to-use formats.
## Specifications

- Manufactured in heavy duty, vandal-resistant steel
- Standard powder-coated colours are black or grey (other colours available upon request)
- Manufactured to IP65 weatherproof rating
- Lockable component and termination access door
- Pre-drilled fixing and cable entry points
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations
- Corrosion resistant
- UV stabilised
- Operating temperature – 30ºC to + 50ºC

## Performance

- Design / build to your specific EV charging requirements
- Easy to install / low maintenance
- Designed to be permanently located outdoors
- Multiple vehicle charging capability

## Options

- Able to offer 16amp (3.6kW) and 32amp (7.2kW) type 2 IEC62196 sockets
- Able to offer 16amp and 32amp 3 or 5 metre J1772 type 1 tethered leads
- Single and three phase charging available
- Mode 3 IEC61851 compliant communication protocol
- 13amp domestic and 16 / 32amp industrial sockets available
- Built-in overload and fault current protection to suit
- Optional hatch lock facility for locking type 2 charging lead into socket
- Optional LED charging status indicator
- Optional built-in Class 1 kWh meter / time clock
- Optional corporate branding
- OCPP communication protocol compliant
- Back office management facility
- Eligible for government grant funding (OLEV T&C’s apply)
- Optional LED illumination (area lighting)
- Optional 304 and 316 stainless steel versions
- Optional IEC62196 (type 2) socket lock-away facility
- Optional ground mounting base

## Payment methods

- Free-to-use
- Free-to-use / key switch control
- Coin / token pay-to-use
- RFID Smartcard pay-to-use (private / corporate / loyalty / membership)
AutoCharge : PAYG The Future of EV Charging

- Bank secure pay-as-you-go
- No membership fees
- No monthly subscriptions
- No direct debits
- Chip and pin payments
- Bank secure contactless payments
- OCPP / GPRS communication
- Back office management
- Plugged in Places compliant

Pay by Card

Pay by Mobile

Pay by coin/token

Wristband Payment

EV Charging – Open to Everyone, Everywhere, Every Day

AutoCharge : PAYG is a revolutionary new EV charging station using full chip and pin and contactless credit and debit bank card payment systems.

This innovative PAYG charging station is open and accessible to every EV driver using a variety of payment methods including Visa / Mastercard / loyalty cards / mobile phones / bank cards / credit or debit cards / membership RFID cards / wristbands / key fobs / coins / tokens.

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Europe’s largest range of EV charging solutions
Join the EVolution

The Future of EV Charging

Specifications
- Manufactured in heavy duty, vandal-resistant steel
- Standard powder-coated colours are black or grey (other colours available upon request)
- Manufactured to IP65 weatherproof rating
- Lockable component and termination access door
- Pre-drilled fixing and cable entry points
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations
- Corrosion resistant
- UV stabilised
- Operating temperature – 30°C to + 50°C

Performance
- Design / build to your specific EV charging requirements
- Easy to install / low maintenance
- Designed to be permanently located outdoors
- Multiple vehicle charging capability

Options
- Able to offer 16amp (3.6kW) and 32amp (7.2kW) type 2 IEC62196 sockets
- Able to offer 16amp and 32amp 3 or 5 metre J1772 type 1 tethered leads
- Single and three phase charging available
- Mode 3 IEC61851 compliant communication protocol
- 13amp domestic and 16 / 32amp industrial sockets available
- Built-in overload and fault current protection to suit
- Optional hatch lock facility for locking type 2 charging lead into socket
- Optional LED charging status indicator
- Optional built-in Class 1 kWh meter / time clock
- Optional corporate branding
- OCPP communication protocol compliant
- Back office management facility
- Eligible for government grant funding (OLEV T&C’s apply)
- Optional LED illumination (area lighting)
- Optional 304 and 316 stainless steel versions
- Optional IEC62196 (type 2) socket lock-away facility
- Optional ground mounting base

Payment methods
- Bank secure chip and pin
- Bank secure contactless
- Supermarket / member loyalty cards
- NFC mobile phone
- Pay Pad
- EV driver wristband / key fob
- Private membership RFID card e.g. car parks, hotel chains, Councils / clubs
- Bank payment systems e.g. Barclays Pingit

The Rolec EV Charging Range:
- WallPod : EV Ready
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- WallPod EV : HomeCharge
- WallPod EV : Commercial Charge
- AutoCharge : Wall unit
- AutoCharge : Pedestal
- AutoCharge : PAYG
- Classic 3000
- EV StreetServ
- EV PayCentre
- Pay to Charge Solutions
- EV Plug to Plug Charging Leads
- EV : ChargeCheck – charging station tester

Europe’s largest range of EV charging solutions
The Classic 3000 EV charging pedestal is brother to Rolec’s world-leading Classic utility pedestal which boasts over 50,000 in use worldwide. This mass produced, tried and tested pedestal is, we believe, the most affordable and adaptable EV charging pedestal in the world. Ideal for private car parks, offices, factories, hotels, cinemas, leisure centres, shops, warehouses, hospitals, schools – in fact any moderately secure environment.
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The Rolec EV Charging Range:
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- EV StreetServ
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- Pay to Charge Solutions
- EV Plug to Plug Charging Leads
- EV: ChargeCheck – charging station tester

Classic 3000: EV Charging Pedestal

Specifications
- Built around a heavy-duty, galvanised steel chassis
- Available in Foamex, aluminium or stainless steel outer skins
- BS EN 60529: IP65 Category 1 (weatherproof)
- Pedestal height 850mm or 1000mm
- Pre-drilled fixing and cable entry points
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations
- Corrosion resistant
- UV stabilised
- Operating temperature – 30°C to + 50°C
- Segregated internal components

Performance
- Design / build to your specific EV charging requirements
- Easy to install / low maintenance
- Designed to be permanently located outdoors
- Multiple vehicle charging capability

Options
- Available in a wide range of colours
- Able to offer 16amp (3.6kW) and 32amp (7.2kW) type 2 IEC62196 sockets
- Able to offer 16amp and 32amp 3 or 5 metre J1772 type 1 tethered leads
- Single and three phase charging available
- Mode 3 IEC61851 compliant communication protocol
- 13amp domestic and 16 / 32amp industrial sockets available
- Built-in overload and fault current protection to suit
- Optional hatch lock facility for locking type 2 charging lead into socket
- Optional LED charging status indicator
- Optional built-in Class 1 kWh meter / time clock
- Optional corporate branding
- Optional illuminated head (area lighting)
- Optional ground mounting base
- OCPP communication protocol compliant
- Back office management facility
- Eligible for government grant funding (OLEV T&C’s apply)

Payment methods
- Free-to-use
- Free-to-use / key switch control
- Coin / token pay-to-use
- RFID Smartcard pay-to-use (private / corporate / loyalty / membership)

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EV StreetServ

- Plugged in Places Compliant
- OCPP Compliant
- Back Office Management

EV StreetServ is a heavy duty, hardwearing, vandal resistant EV charging post designed specifically for high risk, susceptible, public locations such as high streets, marketplaces, public car parks, sports stadiums etc. EV StreetServ is able to provide all types and modes of charging including IEC62196 (type 2) and J1772 (type 1) complete with built-in mode 3 communication protocol and can also be used for temporary power supplies and for outdoor maintenance purposes.

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EV StreetServ

Specifications
- Heavy duty steel construction
- 2 styles available (curved top and round top)
- Powder-coated or two pack acrythane finish
- Available in a range of colours
- Hinged lockable access door
- Door close facility whilst in use
- Standard surface mount fixing
- Post height approx. 1100mm (subject to design)
- Corrosion resistant
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations

Performance
- Design / build to your specific EV charging requirements
- Easy to install / low maintenance
- Designed to be permanently located outdoors
- Multiple vehicle charging capability

Options
- Available in a wide range of colours
- Able to offer 16amp (3.6kW) and 32amp (7.2kW) type 2 IEC62196 sockets
- Able to offer 16amp and 32amp 3 or 5 metre J1772 type 1 tethered leads
- Single and three phase charging available
- Mode 3 IEC61851 compliant communication protocol
- 13amp domestic and 16 / 32amp industrial sockets available
- Built-in overload and fault current protection to suit
- Optional hatch lock facility for locking type 2 charging lead into socket
- Optional LED charging status indicator
- Optional built-in Class 1 kWh meter / time clock
- Optional corporate branding
- Optional ground mounting base
- OCPP communication protocol compliant
- Back office management facility
- Eligible for government grant funding (OLEV T&C’s apply)

Options
- Free-to-use
- Free-to-use / keyswitch

Europe’s largest range of EV charging solutions

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EV : PayCentre

Car Park Friendly EV Charging

- Single point pay stations
- Up to 50 charging points per pay station
- A variety of payment methods
- Bespoke manufacture

The Rolec EV : PayCentre is a system designed to offer multi-point EV charging solutions controlled and managed via a single-point centralised pay station. The EV : PayCentre is ideal for car parks, particularly multi-storey or underground locations.

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Europe's largest range of EV charging solutions
EV : PayCentre
Car Park Friendly EV Charging

Specifications
- Wall or floor-mounted PayCentre
- Manufactured in powder-coated steel
- Manufactured to IP65 weatherproof regulations
- Manufactured in compliance with BS7671 wiring regulations
- Corrosion resistant
- UV stabilised
- Lockable access door

Performance
- Designed / built to your specific EV charging requirements
- Easy to install / low maintenance
- Designed for both indoor and outdoor locations
- Multiple vehicle charging capability

Options
- Each PayCentre can control up to 50 remote charging stations
- Can control all charging stations within the Rolec EV product range
- Able to offer 16amp (3.6kW) and 32amp (7.2kW) type 2 IEC62196 charging
- Optional IEC62196 (type 2) socket lock-away facility
- Able to offer 16amp and 32amp 3 or 5 metre J1772 type 1 tethered leads
- Single and three phase charging
- Mode 3 IEC61851 compliant communication protocol
- Built-in overload and fault current protection to suit
- Optional hatch lock facility for locking type 2 charging lead into socket
- Optional LED charging status indicator
- Optional built-in Class 1 kWh meter / time clock
- Optional corporate branding
- OCPP communication protocol compliant
- Back office management facility
- Eligible for government grant funding (OLEV T&C’s apply)
- Optional LED illumination (area lighting)
- Optional 304 and 316 stainless steel versions

Advantages
- Free-to-use
- Free-to-use / keyswitch
- RFID Smartcard pay-to-use (private, corporate, loyalty, membership)
- Bank secure chip and pin
- Bank secure contactless
- Coins
- Tokens

Europe’s largest range of EV charging solutions

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www.rolecserv.com
EV : Pay to Charge Solutions

EV Charging Open to Everyone, Everywhere, Every Day

- Rolec EV offers the largest and most comprehensive range of pay to charge solutions in Europe.

Rolec EV is a division of Rolec Services Limited who have been designing, manufacturing and installing pay-to-use electricity management systems on marinas and caravan parks worldwide for over 20 years. This vast experience in pay-as-you-go solutions has contributed to Rolec EV being able to offer the EV industry the widest range of payment systems in Europe.
Join the
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At home ...

At work… anywhere

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• WallPod EV : HomeCharge
• WallPod EV : Commercial Charge
• AutoCharge : Wall unit
• AutoCharge : Pedestal
• AutoCharge : PAYG
• Classic 3000
• EV StreetServ
• EV PayCentre
• Pay to Charge Solutions
• EV Plug to Plug Charging Leads
• EV : ChargeCheck – charging station tester

Specifications
• Bank secure chip and pin
• Bank secure contactless payments
• Bank secure private RFID systems
• Private membership RFID systems
• Supermarket / membership loyalty cards
• NFC mobile phone
• Pay Pad
• EV driver wristband / key fob
• Currency
• Tokens
• Pay by internet

Payment methods

The UK’s charging infrastructure :
Open to Everyone . Everywhere . Every day

Head office contact:
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f: ++44 (0) 1205 724876
tolec@rolecserv.co.uk

Rolec Services Ltd
Ralphs Lane, Frampton West,
Boston, Lincolnshire,
UK, PE20 1QU

www.rolecserv.com

Visit www.rolecserv.com to download and print A4 size data sheets
Rolec EV is able to supply an extensive range of high quality, internationally recognised electric vehicle charging leads (tested and approved by Toyota UK and supplied with every new Toyota plug-in hybrid Prius)
EV Plug to Plug Charging Leads

**Lead Types**
- 3 metre 16amp J1772 (type 1) to IEC62196 (type 2):
  - Product code EVPP0130
- 5 metre 16amp J1772 (type 1) to IEC62196 (type 2):
  - Product code EVPP0140
- 3 metre 32amp J1772 (type 1) to IEC62196 (type 2):
  - Product code EVPP0150
- 5 metre 32amp J1772 (type 1) to IEC62196 (type 2):
  - Product code EVPP0160
- 3 metre 16amp IEC62196 (type 2) to IEC62196 (type 2):
  - Product code EVPP0070
- 5 metre 16amp IEC62196 (type 2) to IEC62196 (type 2):
  - Product code EVPP0080
- 3 metre 32amp IEC62196 (type 2) to IEC62196 (type 2):
  - Product code EVPP0090
- 5 metre 32amp IEC62196 (type 2) to IEC62196 (type 2):
  - Product code EVPP0100

**Technical**
- Tested by an independent IEC national certifying body
- CE compliant
- IP44 rated
- Operating voltage 240VAC
- Tested to 2,500 VDC
- Operating temperature range -30°C to +60°C
- 10,000 mating cycle performance
- 4,750 N minimum drive over rating

**Specifications**
- Hard wearing, polybutylene terephalate (PBT) handle
- Copper alloy contacts
- J1772 plug complete with padlock facility
- CE compliant cable
- Ultra flexible TEP cable sheath
- Cable colour – black
- 16amp cables to 2.5mm cross-sectional area plus pilots
- 32amp cables to 6.0mm cross-sectional area plus pilots
EV : ChargeCheck

The EV Industry’s Charging Station Tester of Choice

- Simulates an electric vehicle
- Tests J1772 (type 1) tethered leads
- Tests IEC62196 (type 2) sockets
- Tests IEC61851-1 mode 3 communication compliance
- Tests for correct polarity
- Tests for earthing presence
- Tests contactor actions
- IP65 13amp socket for RCD / RCBO test
- IP65 13amp socket for earth loop test
- 1 metre J1772 (type 1) to IEC62196 (type 2) adapter

ChargeCheck has been designed to provide every electrician with the ability to confidently carry out a comprehensive and accurate test of any single phase mode 3 type 1 and type 2 EV charging station in the UK.
**EV : ChargeCheck**

The EV Industry’s Charging Station Tester of Choice

**Specifications**
- Manufactured in heavy duty polypropylene
- Hard-wearing polypropylene carry handle
- Impact resistant polycarbonate info fascia
- Corrosion resistant
- Built-in polarity check LEDs
- Built-in earth presence LEDs
- Latching test button
- J1772 (type 1) test socket and cover
- IP65 rated 13amp test socket and cover
- 1 metre J1772 (type 1) to IEC62196 (type 2) adapter test lead
- Test unit carry bag complete with handle and zipper
- Manufactured in compliance with BS7671 wiring regulations
- Compliant with IET EV regulations
- Size : 450mm length x 150mm width x 140mm depth
- Weight : 2.5kgs

**Performance**
- Simulates an electric vehicle
- Tests J1772 (type 1) tethered leads
- Tests IEC62196 (type 2) sockets
- Tests IEC61851-1 mode 3 communication compliance
- Tests for correct polarity
- Tests for earthing presence
- Tests contactor actions
- IP65 13amp socket for RCD / RCBO test
- IP65 13amp socket for earth loop test

**Options**
- Test completed / date stickers

**Contents**
- 1 x EV : ChargeCheck
- Type 1 to Type 2 Adapter
- Carry Bag

**Product code:**
- EVTU0018

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**Europe’s largest range of EV charging solutions**

Visit www.rolecserv.com to download and print A4 size data sheets
The Future of EV Charging
EV Charging: Open to Everyone, Everywhere, Every Day
Rolec EV

- Europe’s largest range of EV charging solutions
- EV charging stations to suit every application
- From simple home charging to on-street charging
- Free-to-use and pay-to-use options
- Eligible for government grant funding (OLEV T&C’s apply)
Compatible with almost every EV on the market

Rolec EV

- Available at your local electrical wholesaler and builders’ merchant
- Manufacturer warranty provided
- Express delivery available
- Replacement components in stock at all time
- Rolec charging stations already in service throughout the country

Get in touch call ++44 (0)1205 724754 or email rolec@rolecserv.co.uk