



**ROLECEV**

**ZURA**

Intelligent EV charging unit



Manufactured  
in the UK

# ZURA

Intelligent EV charging unit

Versatile, sophisticated and packed with the most-wanted smart features, along with never-seen-before customisable aesthetics. ZURA has been designed for both homes and businesses, providing up to 22kW superfast charging.

This OCPP compliant unit offers plug & charge or pay-to-charge solutions via a mobile app or RFID operation through any OCPP back-office management system.

This EV charger supports dynamic load balancing and is equipped with PME fault detection, with no requirement for an earth rod, reducing installation costs.

Available with single or dual outlets, making it ideal for businesses and households with more than one EV, or that are looking to future-proof. Domestic users can also charge using their solar PV or other home renewables for a zero-cost, zero-carbon charge.\*



**FREE app & support**

Domestic customers benefit from 3 years Monta app connectivity and support\*

\*App dependent feature

\*Data fees may apply if connecting via 4G



# Product features

- Suitable for both domestic and commercial installations
- 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 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 notifications
- Cable lock security feature (can be permanently locked by user)
- Integrated RFID reader
- MID-approved energy metering
- 4G / Wi-Fi / Ethernet connectivity
- IK08 impact resistant design
- Independent back plate for easy wall or post mounting
- OZEV grant fundable
- Designed & manufactured in the UK

Powered by

**MONTA**

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Other preferred back-office and mobile app partners:

**Fuuse**

**ChargePlace Scotland**  
electric vehicle charging

**ev.energy**



\*App dependent feature

\*\*DC 6mA protection for single outlet models



## OCPP 1.6 compliant

Ability to integrate with any OCPP compliant back-office management system and app.



## Easy to operate

Three quick and easy ways to operate: mobile app, RFID cards and fobs or plug & charge.



Office for Zero Emission Vehicles

## Eligible for grant funding

This range is approved for the OZEV EV Chargepoint Grant & Workplace Charging Scheme (WCS).



## 4G / Wi-Fi / Ethernet enabled

Complete with secure 4G, Wi-Fi and Ethernet connectivity, ensuring chargers are always online 24/7.



## Branding & colour options available

Rolec offer a bespoke chargepoint branding service; from logos & brand colours, to vinyl wraps.



## No earth rod required

Equipped with built-in PME fault detection, saving on installation time and costs.

## The details

### UP TO 22KW

Available in both single phase and three phase models, providing up to 22kW superfast charging.

Choose from single or dual outlet models, allowing two vehicles to charge simultaneously. Single outlet units can be upgraded to dual in the future.\*\*

### CHARGE FOR FREE!

Sync your solar PV, battery storage or wind turbine setup to benefit from sustainable, zero-cost, zero-carbon charging.

Smart home integration is also supported, so you can control your charger using Alexa or Google assistant.\*



### ACCURATE BILLING

Built-in MID-approved energy metering ensures accurate consumption reporting, which is essential for businesses and residential car parks, wishing to bill for their usage. Use our back-office management platform to generate revenue by setting your own tariffs.

### SAFE AND SECURE

Rest assured, Rolec's entire EV chargepoint range is fully UK Smart Charge Point Regulation compliant.

Over-the-air updates allow the chargers to receive the very latest features, ensuring a safe and future-proof product 24/7.

### 3 YEAR WARRANTY

Rolec EV chargepoints are designed, developed and manufactured in the UK and come with a 3 year warranty included as standard, for added peace of mind on your investment.

\*App dependent feature \*\*Single phase models only

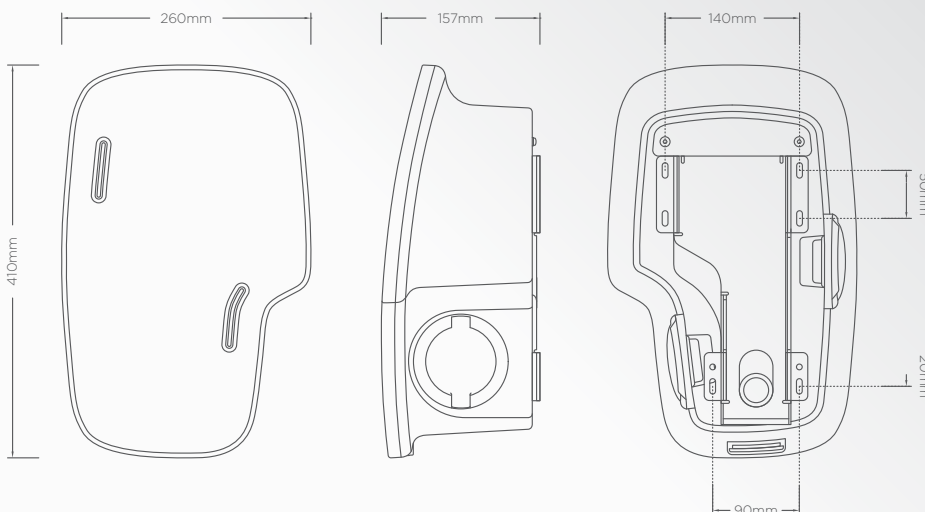
# Specifications

## Product Overview:

|                    | Connection Type                           | Charging Output                     | Input Supply                                | Fascia Colour | Product Code |
|--------------------|---|-------------------------------------|---|---------------|--------------|
| Single Phase Units | 1x Type 2 (IEC 62196) charging socket     | Up to 7.4kW (32A)                   | 1x 32A Single Phase 230V AC (±10 %) 50/60Hz | ● Black       | ROLEC3020B   |
|                    | 2x Type 2 (IEC 62196) charging sockets    | Up to 7.4kW (32A) per socket        | 1x 63A Single Phase 230V AC (±10 %) 50/60Hz | ● Black       | ROLEC3030B   |
|                    | 1x Type 2 (IEC 62196) 5m tethered lead*   | Up to 7.4kW (32A)                   | 1x 32A Single Phase 230V AC (±10 %) 50/60Hz | ● Black       | ROLEC3140B   |
|                    | 2x Type 2 (IEC 62196) 5m tethered leads*  | Up to 7.4kW (32A) per tethered lead | 1x 63A Single Phase 230V AC (±10 %) 50/60Hz | ● Black       | ROLEC3150B   |
|                    | 1x Type 2 (IEC 62196) 10m tethered lead*  | Up to 7.4kW (32A)                   | 1x 32A Single Phase 230V AC (±10 %) 50/60Hz | ● Black       | ROLEC3145B   |
|                    | 2x Type 2 (IEC 62196) 10m tethered leads* | Up to 7.4kW (32A) per tethered lead | 1x 63A Single Phase 230V AC (±10 %) 50/60Hz | ● Black       | ROLEC3155B   |
| Three Phase Units  | 1x Type 2 (IEC 62196) charging socket     | Up to 22kW (32A)                    | 1x 32A Three Phase 400V AC (±10 %) 50/60Hz  | ● Black       | ROLEC3046B   |
|                    | 1x Type 2 (IEC 62196) 5m tethered lead*   | Up to 7.4kW (32A) per tethered lead | 1x 32A Three Phase 400V AC (±10 %) 50/60Hz  | ● Black       | ROLEC3156B   |

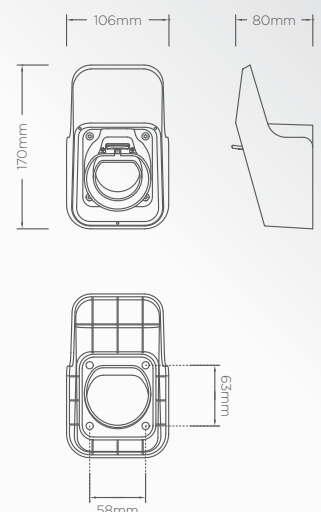
\*5m tethered leads (approx. 4.5m external) 10m tethered leads (approx. 9.5m external)

Zura unit:



Type 2 charge gun holster:

Included with tethered units



# Specifications

## Technical Data:

|   |  |
|---|--|
| <b>User Interface</b>                   | <ul style="list-style-type: none"> <li>• Mobile app</li> <li>• RFID reader (MIFARE ISO/IEC 14443 A)</li> <li>• Plug &amp; charge</li> <li>• RGB LED status indicator halo(s) – configurable</li> </ul>   |
| <b>Charge Protocol</b>                  | Mode 3 (IEC 61851-1)   |
| <b>Protection</b>                       | <ul style="list-style-type: none"> <li>• AC overload &amp; fault current protection <ul style="list-style-type: none"> <li>• Single outlet models – A dedicated, suitably rated, 30mA Type A RCBO or equivalent protection is required at source</li> <li>• Dual outlet models – A dedicated, suitably rated, MCB or equivalent protection is required at source</li> </ul> </li> <li>• Lightning surge, over temperature protection</li> <li>• PME fault detection – No earth electrode/rod required</li> <li>• Supports automatic dynamic load balancing (may require additional hardware)</li> <li>• Supports static load management (software configurable)</li> </ul>   |
| <b>Cable Terminals</b>                  | <ul style="list-style-type: none"> <li>• Single Phase – 3x 50mm 1P + N + E</li> <li>• Three Phase – 5x 50mm 3P + N + E</li> </ul>  |
| <b>Communications</b>                   | <ul style="list-style-type: none"> <li>• 4G LTE Cat-1 (built-in nano SIM, subscription required) <ul style="list-style-type: none"> <li>• LTE FDD: B1/B3/B5/B7/B8/B20/B28</li> <li>• GSM: B2/B3/B5/B8</li> </ul> </li> <li>• Wi-Fi 802.11 b/g/n 2.4 GHz (2412-2472 MHz / 2422-2462 MHz)</li> <li>• NFC 13.56 MHz</li> <li>• RJ45 Ethernet connection</li> <li>• Bluetooth Low Energy (BLE 4.1) 2402-2480 MHz (for installer configuration purposes)</li> <li>• OCPP 1.6J</li> <li>• Cyber security – Data encryption level TLS 1.2</li> </ul>  |
| <b>Energy Metering</b>                  | Integrated Class 1 MID compliant metering  |
| <b>Standby Power Consumption</b>        | < 7.5W (per outlet)  |
| <b>Dimensions</b>                       | 260mm x 410mm x 157mm (W x H x D)  |
| <b>Weight</b>                           | < 5.5kg to < 13kg (model dependant)  |
| <b>Environmental</b>                    | <ul style="list-style-type: none"> <li>• Ingress protection – Enclosure IP65, Socket IP54</li> <li>• Impact protection – IK08</li> <li>• Security – Dual tamper and breach protection boundaries with notifications</li> <li>• Operating temperature – -30°C to +50°C</li> <li>• Operating humidity – 5% to 95%</li> </ul>   |
| <b>Materials</b>                        | <ul style="list-style-type: none"> <li>• Unit &amp; fascia – High impact resistant Polycarbonate</li> <li>• Mounting back plate – 1.5mm Steel with black powder coated finish</li> <li>• Rear bracket plate – 1.5mm 316 Stainless Steel</li> </ul>   |
| <b>Unit Colour</b>                      | ● Black  |
| <b>Fascia Colour</b>                    | ● Black    ● Grey    ○ White    ● Branded or fully customised fascias available  |
| <b>Certifications &amp; Compliances</b> | <ul style="list-style-type: none"> <li>• EV Charging Compliance – EN 61851-1:2019, EN 61851-22:2002</li> <li>• Smart Charge Points – (SI 2021/1467)</li> <li>• Wiring Regulations – BS 7671:2018+A2:2022</li> <li>• EMC Compliance – EN 61000-6-3:2007+A1:2011, EN 61000-6-2:2005, 2014/30/EU, SI 2016/1091</li> <li>• Safety Compliance (LVD) – EN 62368-1:2014, 2014/35/EU, SI 2016/1101</li> <li>• Communications / RED – EN 62311:2008, 2014/53/EU, SI 2017/1206, EN 300 330 V2.1.1 (2017-02), EN 301 908-1 V15.1.1 (2021-09), EN 301 908-13 V13.2.1 (2022-02), EN 301 511 V12.5.1 (2017-03), EN 300 328 V2.2.2 (2019-07), EN 300 440 V2.2.1 (2018-07)</li> <li>• Environmental Protection – BS EN 60529:1992+A2:2013</li> <li>• Impact Rating – BS EN 62262:2002+A1:2021</li> <li>• Metering – 2014/32/EU, SI 2016/1153</li> <li>• RoHS – 2011/65/EU, SI 2012/3032</li> <li>• REACH – 1907/2006, REACH etc. (Amendment) Regulations 2021</li> <li>• Certification Markings – CE &amp; UKCA</li> </ul> |
| <b>Warranty</b>                         | 3 years  |

# Options & accessories

| Product Code | Item Description  |
|--------------|---|
| RFID0010     | RFID card   |
| RFID0020     | RFID fob  |
| EVFP0030     | Mounting post - fits up to 2 chargers   |
| EVCB0020     | Root mount protection barrier - 48mm  |
| EVCB0040     | Surface mount protection barrier - 48mm   |
| EVPS0010     | EV parking sign - A4 landscape<br>(Other sizes are available)   |
| EVPP0100     | 5m 32A Type 2 to Type 2 charging cable  |
| EVPP0107     | 10m 32A Type 2 to Type 2 charging cable   |
| EVPP0105     | 5m 32A Three phase Type 2 to Type 2 charging cable  |
| EVPP0108     | 10m 32A Three phase Type 2 to Type 2 charging cable<br>(Other cables are available, including Type 1 options) |
| EVIN0010     | 20A Single phase EV consumer unit with Type A RCBO  |
| EVIN0015     | 40A Single phase EV consumer unit with Type A RCBO  |
| EVIN0070     | 20A Three phase EV consumer unit with Type A RCBO   |
| EVIN0075     | 40A Three phase EV consumer unit with Type A RCBO   |
| EVRS0030     | Remote wall mount for Type 2 charge gun holster   |
| ACSR0125     | 100A up to 35mm <sup>2</sup> screened CT clamp with 10m cable   |
| ZURA0100B    | Zura EV charger front fascia plate - Black  |
| ZURA0100G    | Zura EV charger front fascia plate - Grey   |
| ZURA0100W    | Zura EV charger front fascia plate - White  |



EVIN0010



ACSR0125



EVPS0010



RFID0020



EVFP0030



EVPP0100



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## Personalise your own charger

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





# 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.

Other preferred back-office partners:

+ many more

-  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<sub>2</sub> 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




**Charge point settings**  
Set charge point to public

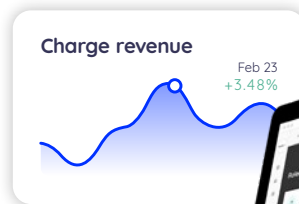
Private  Public

**Reserve charge point**  
Book charge points at a time that suits you the best!

[Reserve](#)

**Easy payment for your employees**



▶ For more information about Monta's chargepoint management solutions and pricing, see the Powered by Monta Overview Sheet



# Chargepoint operation















ROLECEV

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MONTA

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<sub>2</sub> 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
-  Share and give charging access to friends, family and guests
-  Set your home charger for public use with custom pricing
-  Access to over 300,000 public chargepoints across Europe
-  Easily initiate charging and complete payments via credit card, Apple Pay, Google Pay or MontA Wallet
-  Online chat or support line for help when you need it most

  
 The MontA app is 100% free with no subscription cost when charging at home

Other preferred mobile app partners:

-  Fuuse
-  ChargePlace Scotland  
electric vehicle charging
-  ev.energy



DOWNLOAD THE APP



## RFID activation

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.



▶ For more details about the MontA solution for EV drivers and the MontA app, please visit [www.monta.com/uk/home-charging](http://www.monta.com/uk/home-charging)



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The latest version of this publication can be downloaded at <https://www.rolecserv.com/downloads-ev-charging>

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EVZD-V02-R6 Zura Data Sheet



Manufactured  
in the UK

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