



ROLEC^{EV} | SINEXCEL

ULTRACHARGE 30

Intelligent rapid EV charging station



Stocked in
the UK by
ROLEC^{EV}

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Intelligent rapid EV charging station

A compact and cost-effective DC rapid charger, the ULTRACHARGE 30 is an ideal wall or pedestal mounted solution for businesses offering EV charging to their customers and/or fleet.

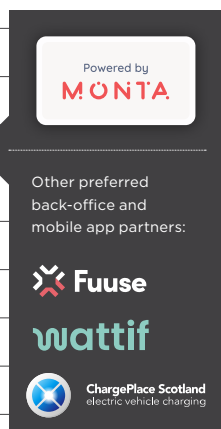
Offering up to 30kW charging speed, the ULTRACHARGE 30 makes for a powerful, yet low investment DC charging option for businesses. The slim and robust design also maximises space limitations, whilst still easy to install, maintain and service.

The unit is easy-to-use, featuring an 8 inch touch screen display and LED status indicator. Charges are simple to activate for EV drivers via either plug & charge, mobile app, or RFID. Market-leading contactless payment terminal option is also available.



Product features

- 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 pedestal mounting available
- Conforms with PAS 1899 accessible charging standard
- Strong and durable IP55 / IK10 rated



OCPP 1.6 compliant (Upgradable to OCPP 2.0.1)

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



Easy to operate

User friendly interface includes: app, RFID, supporting plug & charge, and optional contactless payment.



Low investment DC solution

Easy to install and maintain with its modular design ensuring reliability and reduced maintenance.



4G and Ethernet enabled

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



Integrated advertising screen

Maximise visibility and engagement by utilising the HD screen to showcase advertising or branding.



DC Rapid charging connector

CCS2 charging connector delivering up to 30kW charging speeds via an 80A rated charging cable.

The details

UP TO 30KW

Offering up to 30kW charging speeds, and a stable and convenient charging experience for users. The ULTRACHARGE 30 proves to be an ideal solution for business that desire to provide a cost-effective DC rapid charging solution for its customers and/or fleet.

MAXIMISE YOUR ROI

375V-1000V continuous power output segment, improves the power utilisation ratio of the DC charger, speeding up charging times and maximising revenue.

Delivers up to 10-80% charge in under 1.5 hours.

POWER MANAGEMENT

The ULTRACHARGE 30 supports the most advanced functionality for intelligent dynamic power management via the connected OCPP platform. This ensures that the charger operates reliably within the sites electrical capacity, preventing power overloads and reducing the risk of downtime.

SAFE AND SECURE

Packed with protection features including; under/overvoltage, DC overcurrent, over-temperature & surge protection.

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

SIMPLE CONFIGURATION

The 8" HD user friendly interface doubles up as a configuration tool, streamlining the installation, configuration and testing process.

Over-the-air updates provide easy access to new features and ensuring that it is always up-to-date with the latest technology.

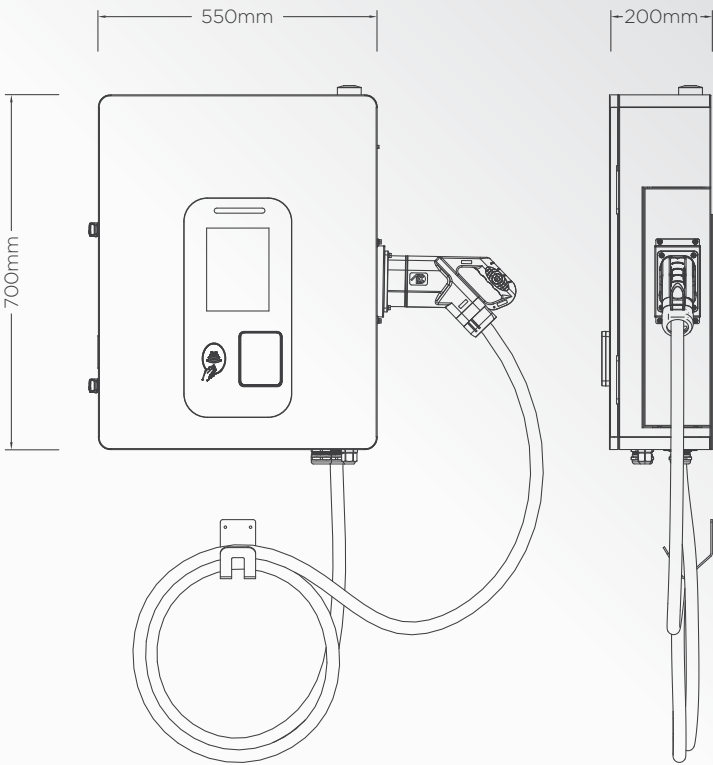


Specifications

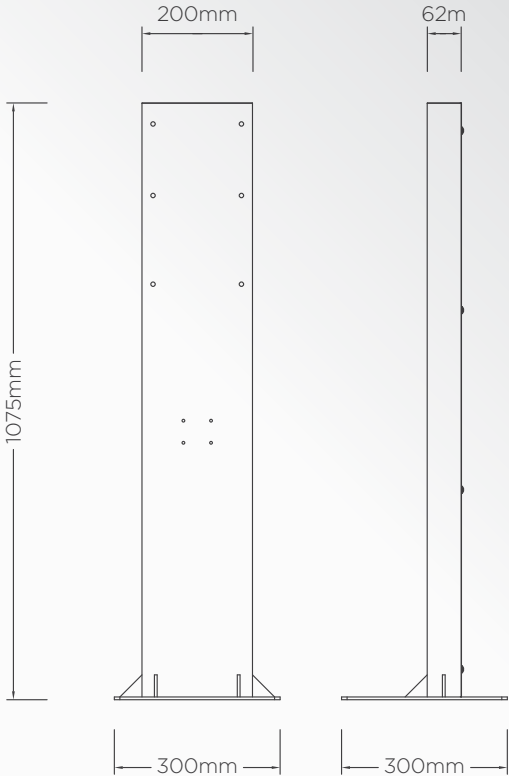
Product Overview:

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

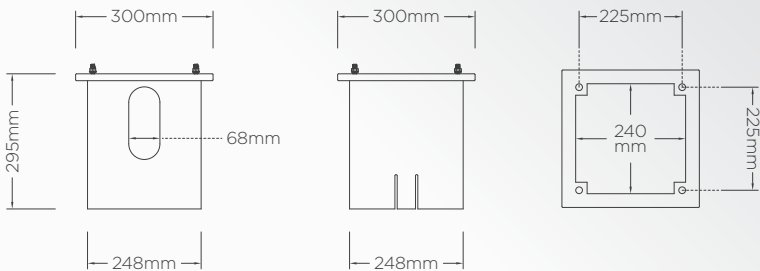
UltraCharge 30:



UltraCharge 30 Pedestal:



Ground mounting base



Specifications

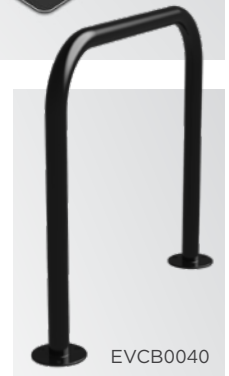
Technical Data:

User Interface	8 inch HD touchscreen display - RFID reader (ISO 14443 A + B to part 4 and ISO/IEC 15693, Mifare 1) - Optional NFC contactless card payment terminal - Plug & charge (ISO 15118) - RGB LED status indicator - Supported Languages – English (supports customising of other languages, available on request)
Charge Protocol	Mode 4 (IEC 61851-1)
Protection	- Undervoltage & overvoltage protection - DC overcurrent protection - Over temperature protection - Surge protection device - Emergency stop button - Supports static and dynamic load management (software configurable) (may require additional hardware)
Input	- AC Input Voltage – 380V ± 10% - Input Frequency – 50 / 60 Hz - Input Type – 3P + N + PE - Power Factor – 0.99 - THDi – <5% - Grounding type – TT, TN-S
Output	- Connector Options – CCS2 (other configurations available on request) - DC Output Voltage Range – 50 to 1000 VDC (375 to 1000 VDC is the output voltage of constant power output) - Maximum Output Current – 80A - Rated Power – DC: 30kW - Peak Efficiency – 96% - Cable Length – 5m (4.5m exposed from the charger) (extended 7m cables also available)
Communications	4G - RJ45 Ethernet connection - OCPP 1.6J - OCPP2.0.1 upgradable
Dimensions	550mm x 700mm x 200mm (W x H x D)
Weight	< 65kg
Environmental	- Ingress Protection – IP55 - Enclosure Protection – IK10 - Operational Altitude – <2000m - Operating Temperature – -25°C to +50°C - Temperature Derating – Up to 50°C: 100% output power, 50-65°C interval, linear power limit, 65°C or more, module shutdown protection - Storage Temperature Range – -30°C to +70°C - Humidity – 5%-95% relative humidity, non-condensing - Cooling Method – Air cooled
Materials	- Body – Stainless steel - Finish – All-weather powder-coated finish
Unit Colour	 White  Other colours and branding options are available upon request
Certifications & Compliances	- EV Charging Compliance – EN 61851, IEC 62196, DIN 70121, ISO 15118 Plug & Charge, PAS 1899:2022 - EMC Compliance – Class A (industrial) - Certifications – CE, UKCA, TUV, TR25, RCM
Warranty	2 years (extended warranty available upon request)



Options & accessories

Product Code	Item Description
EVAD5600	Add contactless payment terminal
GMUC0010	Ground mounting base
EVAD7010	UltraCharge 30 mounting pedestal
EVAD7030	Upgrade to 7m (6.5m external) cable (per cable)
RFID0010	RFID card
RFID0020	RFID fob
EVCB0020	Root mount protection barrier – 48mm
EVCB0040	Surface mount protection barrier – 48mm
EVPS0010	EV parking sign – A4 landscape (Other sizes are available)
ACSR0520	Perific fuse protection device – 3x 36mm current sensors
ACSR0530	Perific fuse protection device – 3x 100mm current sensors
COMM4000	Self-commissioning pack (per unit)
COMM5000	Factory configuration & pre-commissioning service (per unit)



Branding & colour options available

Rolec offer a bespoke chargepoint branding service; from logos & brand colours, to vinyl wraps. This can be arranged at time of order. Contact ROLEC for details.

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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 CO₂ 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

Other preferred back-office partners:

 **Fuuse**

 **wattif**

 **ChargePlace Scotland**
electric vehicle charging

+ many more

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

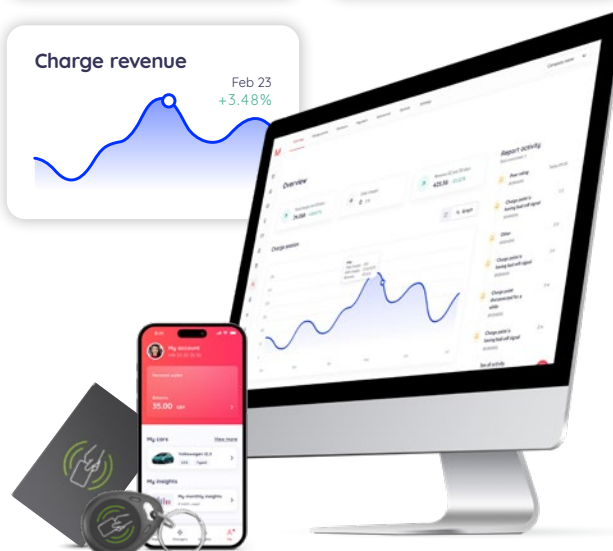
 Apple Pay

 Google Pay

 VISA

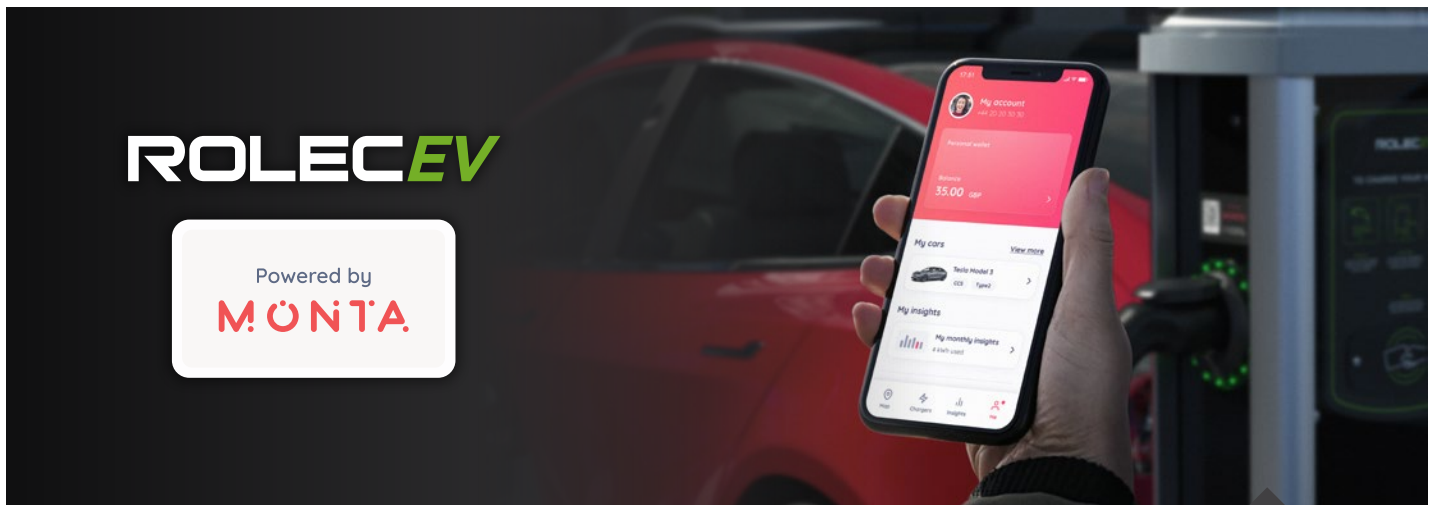
Charge revenue

Feb 23
+3.48%



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

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 CO₂ 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 500,000 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

Other preferred mobile app partners:



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.



DOWNLOAD THE APP



► For more details about the MontA solution for EV drivers and the MontA app, please visit www.monta.com/uk/home-charging



THIS DOCUMENT CONTAINS INFORMATION THAT IS SUBJECT TO CHANGE WITHOUT NOTICE.
The latest version of this publication can be downloaded at <https://www.rolecserv.com/downloads-ev-charging>

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EVUC3D-V01-RO UltraCharge 30 Data Sheet



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