Commercial EV Charging Solutions

sync energy | PRO CHARGER

Worldwide Sales Coverage

Sync Energy is backed by the worldwide support structure of Luceco Group, a £230M+ Electrical Power and Lighting business, with offices globally situated within London, Jiaxing, Barcelona, Dubai and Mexico.

With a proven, trusted and reliable supply chain, Luceco has large warehousing facilities in Telford (148,000m²) as well as specialist state-of-the-art manufacturing facilities in Mansfield UK (52,000m²) and Jiaxing, China (73,000m²). All facilities are governed by strict quality control procedures and adhere to ISO9001 and 14001.

Luceco Group consists of market leading brands that major in innovation and focus on energy efficiency, style and ease of installation, enabling sustainable living as an everyday choice for all.

Monterrey
Sales
Distribution Warehouse

Dubai
Sales
Distribution Warehouse

Jiaxing
Sales
Manufacturing
R&D

Mansfield
Manufacturing

London
Head Office
R&D

Hoddesdon
Manufacturing
R&D

Dublin
Sales

Telford
Distribution Warehouse
Sales & Marketing
R&D

Barcelona
Sales
Distribution Warehouse

Our Brands

Creating a sustainable future

Operating sustainably is a key part of Luceco Group's strategy and is reflected within our Purpose, Mission and Culture, where we have made sustainability a central pillar of the Group's success. Our product portfolio, combined with our business model and experience, puts us in a strong position to help create a sustainable future for all.

Our immediate targets have focused on realigning our product portfolio to concentrate on the sale of low carbon products, ensuring the plastic we use is recycled and further that the packaging of the products we sell is recyclable.

Whilst we recognise there is more to do, our operations continue to offer one of the lowest operational carbon footprints in our industry and we are continuing to progress our sustainability agenda moving forwards.

Our Purpose

Our purpose, and our mission, is to create sustainable and innovative solutions that enable our customers to make a positive impact on the environment.

Our Mission

Our mission is to provide the best products and solutions while prioritising sustainability, energy efficiency, and user experience.

Our Culture

Our culture at Luceco Group is defined by innovation, sustainability, and collaboration. We embrace forward-thinking and are dedicated to approaching our work with integrity and professionalism to achieve the highest ethical standards.

Luceco is dedicated to achieving net zero and tackling climate change through innovative products and collaboration with suppliers and consumers in the electrified tech industry.

Luceco understands the ambition and vision of its customers with a sustainable focus at the forefront and share the goals of a carbon-free planet for future generations. Luceco's commitment to net zero goes beyond product development, to business operations and through to its culture and people.

Why Choose

Sync energy

80 years of experience in the electrical industry, Sync Energy, part of the Luceco PLC Group, is a name you can trust. Our range of EV charging products for home, commercial or fleet operators are smart, powerful, safe and packed full of technology to future proof your investment. We inspire confidence through our dedication to safety, innovation, and sustainability.

Powered by Monta and fully compatible with OCPP 1.6J, offering seamless integration with a variety of apps and back-office systems for maximum flexibility and control.

Ease of Installation and Setup

Ease of installation is key to the design of our EV Charging range, with features such as Built-in RCD and True PEN Protection to remove the need for complex earthing rods or mats.

From start to finish, Sync Energy is with you every step of the way. Our site setup support ensures a seamless installation process:

- Our team will set up the basics and arrange a call to finalise your setup, including member setup, tariffs, schedules, invoicing, subscriptions, and charging rules.

- **Post-setup:** you'll receive comprehensive contact details for Sync Energy and Monta Technical Support, along with a user guide for the Monta platform.

- **Warranty:** Covered by a 5-year on-site warranty, supported by a dedicated UK helpline.

Premium Charging Experience

Packed with superior user features to provide a seamless charging experience for end-users and ease' of management:

- **Schedules:** Manage charge point accessibility and tariffs with flexible scheduling.

- **Share & Monetise:** Easily manage who can access your charger and set pricing.

- **Multi-Tariffs:** Set up unlimited tariff and user groups for tailored charging options.

- **InstaCharge:** Enable seamless payment with QR codes for a streamlined experience.

- **Reservation:** Allow users to pre-book charging slots with deposit payments.

- **SmartQueue:** Implement a virtual queuing system to ensure efficient usage.

- **Sponsored Charging:** Reimburse employees for home charging with integrated solutions.

- **RFID Charge Keys:** Simplify charging with pre-configured RFID-enabled keys or other compatible RFID cards such as door entry systems, for easy tap-and-charge access.

Comprehensive Management

Ongoing management of a Sync Energy Charging infrastructure is designed to be comprehensive and easy to use:

- **Team Dashboard:** Monitor and manage all your charge points and data across multiple sites all from a central dashboard.

- **Payment Options:** Flexible payment solutions for both owners and users, including itemised invoicing and various transaction methods.
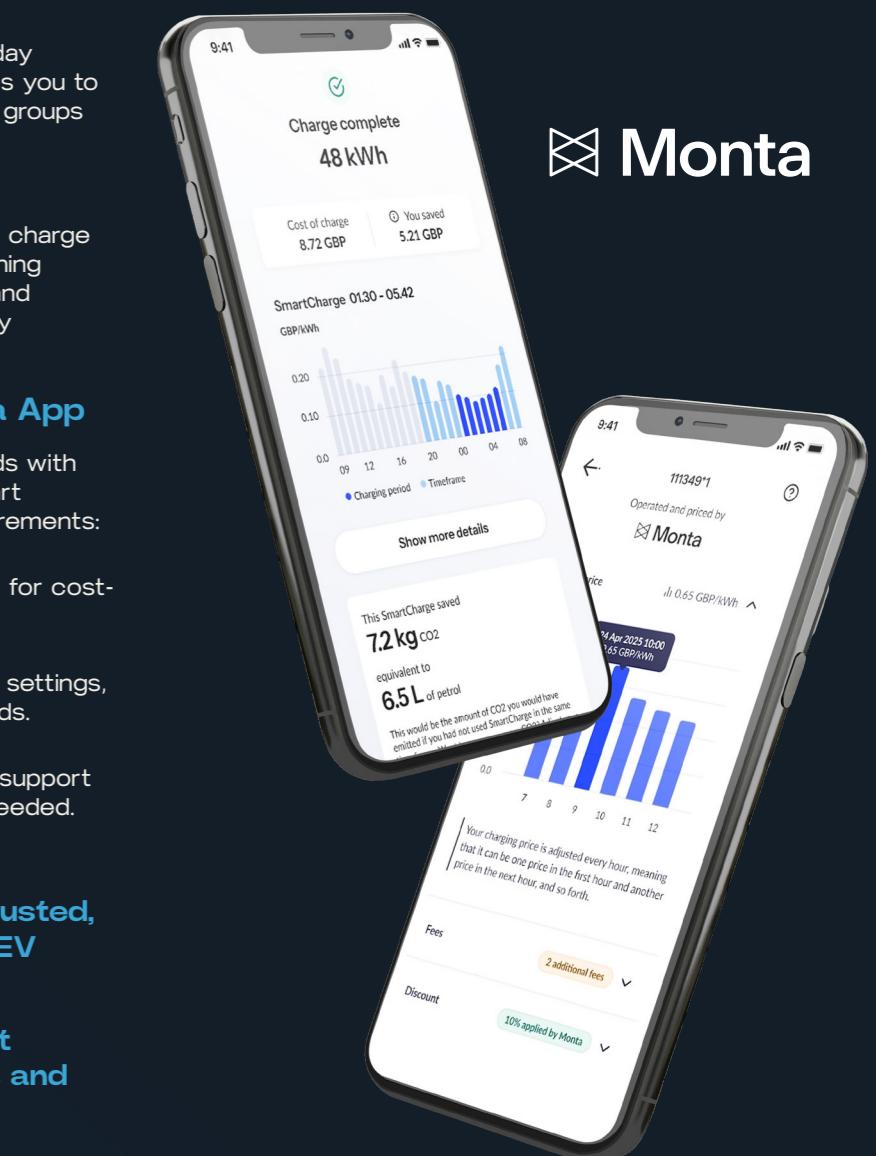
- **Flexible Access:** Allowing time of day control over your chargers enables you to lock off chargers to specific user groups during the day and open to public at night.

- **Multi-Tariff:** Set multiple tariffs per charge point depending on the user, meaning situations such as Visitors, Staff and General Public can all be set to pay different rates.

Smart Charging with Monta App

Take full control of your charging needs with the Monta app, enjoy a variety of smart charging options tailored to your requirements:

- **Smart Charging:** Optimise charging for cost-efficiency and eco-friendliness.

- **Charger Customisation:** Customise settings, access, and tariffs to fit your needs.

- **Dedicated Support:** Our customer support team is on hand to assist you, if needed.

Choose Sync Energy for a trusted, reliable, and comprehensive EV charging experience.

Future-proof your investment with our innovative solutions and dedicated support.

⋈ Monta

Commercial Payments

Charging Regulations

There are several regulations specific for Electric Vehicle charging, none more important than the public charging regulations (November 2023) which defines private and public charging along with the need for tap and go / payment terminals specifically for public chargers greater than 8kW.

What does this mean for you?

As we are part of the BEAMA EVIG committee, we get not only insight but influence on upcoming regulations before they are out, meaning all of our chargers comply to the latest regulations.

For public chargers, our Pro charger range has the ability to fit payment terminals to them to ensure your site fully complies to the public charging regulations. With the Sync Energy solution you don't need multiple payment terminals just 1 per site as every charger can be controlled through this one terminal.

How does paid for charging work?

We offer three flexible end user payment options, all following a simple, unified process that makes paid charging effortless for everyone:

MONTHLY SUBSCRIPTION	For paid EV charging, site owners subscribe to Sync Energy's Monthly Plan. If offering free charging, no subscription is required.
TARIFF SETUP	Easily configure a charging tariff in the back-end system, tailored to individual chargers or specific user groups.
FLEXIBLE PAYMENT OPTIONS FOR END USERS	**Monta App:** Make payments directly through the app. **QR Code:** Scan the code to pay via the Monta app. **Contactless Payment:** App-free charging by tapping a payment card at the terminal.
INSTANT TRANSFER	Easily configure a charging tariff in the back-end system, tailored to individual chargers or specific user groups.
MANAGING MONTA WALLET	**Accumulate funds** with the option to automatically cover subscription fees. **Withdraw funds** at any time, with full flexibility* *Withdrawals from Monta Wallet can take up to 3 working days.

Contactless Payments with
payter® apollo

Seamless, Scalable Payment Integration

The Pro Charger range can be fitted with the Payter Apollo contactless payment terminal, delivering simple, app-free charging for public and commercial environments. Designed for durability and ease of use, Apollo integrates directly with the Pro Charger range to ensure a seamless charging experience for both operators and drivers.

One Terminal, Multiple Chargers

A single Payter Apollo payment terminal can securely manage payment across multiple Pro Charger units, removing the need to install a terminal on every charger. This reduces hardware costs, simplifies installation, and creates a cleaner site layout.

Tap & Go Convenience

With the Payter Apollo payment terminal, drivers simply tap their contactless card or device to start charging – no app, no account, no complications. The terminal is PCI-certified and built for 24/7 unattended operation, providing a reliable, secure way to process payments in any environment.

Payment Management with Monta Wallet

All transactions are processed and settled automatically via Monta Wallet as standard. Revenue is tracked in real time and can be withdrawn to your chosen bank account or reinvested into services such as subscriptions, access fees, or tariffs. Operators benefit from full visibility of transactions, user types, and applied tariffs, ensuring accurate reporting and simple financial control.

Flexible for Site Owners

- **Cost Effective:** One terminal can control multiple chargers

- **Compliant:** Meets UK public charging regulations for contactless payment

- **Integrated:** Works alongside Monta app, QR code, and RFID options

- **Future Proof:** Built on OCPP standards for compatibility with back-office systems

How it works:

Option 1: When used with Monta provided by Sync Energy.

Contact commerical@sync.energy. Our dedicated team will walk you through the system ensuring everything is set up correctly and operational. Each Payter terminal requires activating before it can be used which means there could be up to 5 workings days before the terminal can be used. We recommend contacting the team as early as possible to get you all set up ahead of the installation for a seamless transaction.

Option 2: When used with 3rd Party Back office or Monta NOT Provided by Sync Energy.

In these cases, Sync Energy are providing the hardware only and will require the installer/alternative back office to register the Payter device using their own MyPayter portal account. The device will need to be registered using the credentials and details provided by the alternate back office as both software platforms needs to communicate with each other before they can be used.

Support and Services

Whether it's a new install or expanding on an existing network, we are here to help. Our dedicated nationwide EV Experts are on hand to guide and assist you, building the right charging infrastructure for your premises. Speak with your dedicated EV Team for more information:

Pre-Install Support

Onsite – The Sync Energy projects Team can meet with you, building contractors, specifiers and key Stakeholders onsite helping design the perfect solution for you.

Remote – If you need help with a drawing, or have any questions about install or commissioning, the team is always on hand; either by phone or email, we are here to help.

During Install Support

The consistent focus of all Sync Energy product solutions is providing ease of installation.

With extensive experience in manufacturing and designing electrical products, we know ease and speed of installation is key and have therefore designed our range to be super easy to install.

Once installed, commissioning can be done simply with a smart phone through a dedicated installer app.

Full instruction manuals and easy to follow steps can be found as a back-up, by scanning the eco-friendly inbox manual or by visiting our website.

In addition to this, we also have a dedicated UK Technical Support team, contactable by phone or email, who will be happy to assist you at any point of your installation.

After Install Support

We don't believe support stops at installation. All of our products come with a easy on-site warranty.
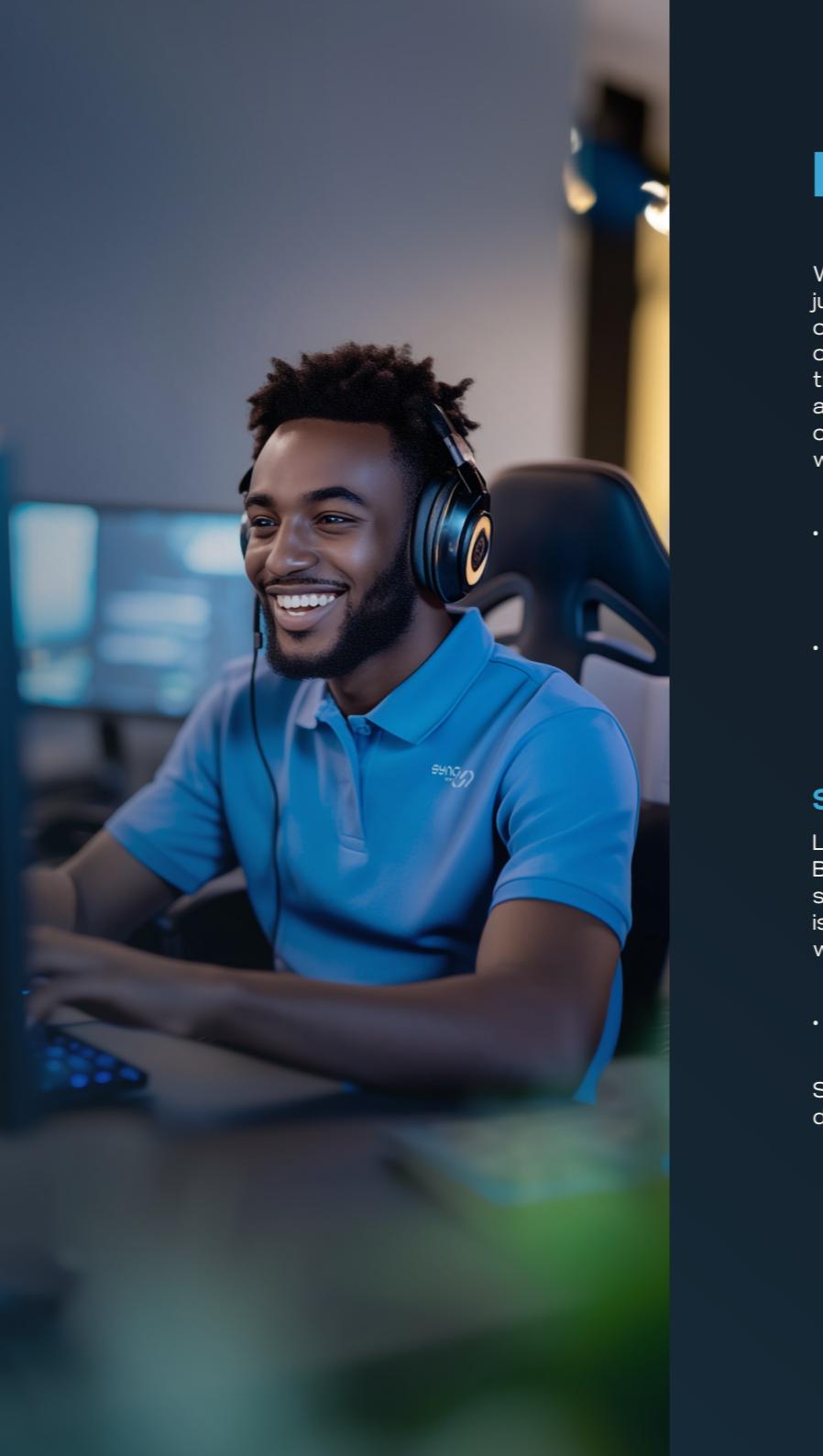
Providing the products are online, the dedicated team can remotely dial into your chargers and help diagnose and resolve any issue. Should this not be possible we will send out a Warranty Engineer to come to site and carry out any repairs/replacements at no expense to you.*

*Standard warranty terms apply. See sync.energy.com for details.

UK Technical Support
Tel : 03300 249279
Email : support@sync.energy

Branding Options

With the Sync Energy Pro Charger range, you don't just get advanced performance, you also get the option to make them your own. Both the side panels of the Twin Bollard Chargers and the casing of the Wall Charger can be custom branded, creating a consistent and professional look across your charging installations, allowing you to add impact where it matters.

- Custom branding is available on request and subject to minimum order quantities and additional costs

- All customisation enquiries will be discussed directly with your Sync Energy Representative, who can advise on artwork, order volumes, and lead times

Solid Colour Side Panels

Looking for something simple but distinctive? Twin Bollard chargers can also be fitted with solid colour side panels (without customer branding). This option is ideal for projects that require a standout look without full customisation.

- Minimum order quantity: 25 pairs

Speak to your Sync Energy Representative today to discuss branding options for your next project.

SYNC energy | **PRO** CHARGER

The Perfect Solution

The Pro Charger range is engineered for ease of installation and seamless user experience, our chargers are built to meet the demands of modern commercial environments.

Available as twin floor-mounted and single or twin wall-mounted chargers. The Pro Charger range suits any workplace, commercial or public charging set up.

The perfect solution for both paid and free charging.

AC Chargers

Twin Floor Mounted
with 4G, MID Meter

Twin Floor Mounted with Light
with 4G, MID Meter

Twin Wall Mounted
with 4G, MID Meter

Wall Charger 2
Socket 22kW with Wi-Fi, LAN, 4G & RFID

DC Chargers

DC 120kW, 150kW & 180kW Charger
with 4G & Sim Card - Three Phase

DC 60kW Charger
with 4G & Sim Card - Three Phase

DC 30kW Charger
with 4G & Sim Card - Three Phase

sync energy | PRO CHARGER

Twin Socket
Floor Mounted

The Twin Floor Mounted EV Charger from the Pro Charger Range combines advanced technology, robust safety features, and straightforward installation to create a reliable charging solution for public and commercial environments. Designed for use in car parks, retail sites, and workplaces, it offers long-lasting durability alongside a smooth user experience.

Drivers benefit from large intuitive touchscreens, side-illuminated information areas, and a range of authentication and payment options, including RFID and contactless card payment for app-free use, making charging accessible and hassle-free. The charger is fully PAS 1899:2022 compliant, ensuring inclusive, disability-accessible charging that meets the latest public charging regulations.

Engineered for scalability, the unit features 50mm² loop in/out terminals supporting up to 130A looped wiring, simplifying installation and enabling infrastructure expansion as demand grows.

Safety and reliability are prioritised with built-in MID meters for accurate billing, MCBs for overcurrent protection, and true PEN fault protection with a 2000V insulated Class II housing, reducing the need for additional protective devices.
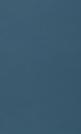
DUAL CHARGING | **IP65** RATING | **IK10** RATING | **LOAD** BALANCING | **PEN** PROTECTION | **5** YEAR WARRANTY

SCAN TO SEE DATA SHEET

PRODUCT CODE	EVPCFSM211NBGR	EVPCFSM211NBGRP	EVPCFSM27NBGR	EVPCFSM27NBGRP
PRODUCT DESCRIPTION	Floor Mounted with 4G, MID Meter - Three Phase	Floor Mounted with 4G, MID Meter - Three Phase	Floor Mounted with 4G, MID Meter - Single Phase	Floor Mounted with 4G, MID Meter - Single Phase
OUTPUT (kW)	1 x 22kW or 2 x 11kW		2 x 7.4kW	
SOCKET TYPE	Type 2 with Autolock			
PROTECTIVE DEVICES	SPD, 30mA AC Type A & 6mA DC Protection			
DIMENSIONS (H X W X D MM)	1300 x 263 x 263			
PAYMENT TERMINAL	Not included	Included	Not included	Included

MAIN FEATURES

- Twin type 2 socket outlets
- Backlit intuitive colour touchscreen
- On screen & RGB LED charge status indicator
- IP65 and IK10* rated durable stainless steel construction
- Supports Monta QR code, RFID, plug & charge and payment terminal charging
- Built-in 4G connectivity, SPD, MCB and MID meters as standard
- PAS 1899 compliant design, ensuring accessible charging
- 50mm² loop in/out terminals supporting up to 130A looped wiring
- 5-year on-site warranty

* IK10 body, IK08 screen

Sync Energy | PRO CHARGER

Twin Socket
Floor Mounted with Light

The Twin Floor Mounted EV Charger with integrated LED luminaire from the Pro Charger Range combines advanced technology, robust safety features, and straightforward installation to create a reliable charging solution for public and commercial environments. Designed for use in car parks, retail sites, and workplaces, it offers long-lasting durability alongside enhanced visibility and a smooth user experience.
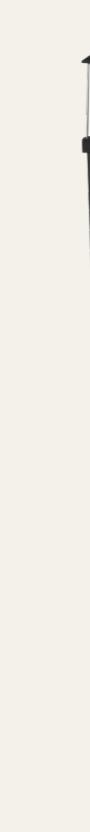
Drivers benefit from large intuitive touchscreens, side-illuminated information areas, and a range of authentication and payment options, including RFID and contactless card payment for app-free use, making charging accessible and hassle-free. The charger is fully PAS 1899:2022 compliant, ensuring inclusive, disability-accessible charging that meets the latest public charging regulations.

Engineered for scalability, the unit features 50mm² loop in/out terminals supporting up to 130A looped wiring, simplifying installation and enabling infrastructure expansion as demand grows.

Safety and reliability are prioritised with built-in MID meters for accurate billing, MCBs for overcurrent protection, and true PEN fault protection with a 2000V insulated Class II housing, reducing the need for additional protective devices.

DUAL CHARGING | **IP65** RATING | **IK10** RATING | **LOAD** BALANCING | **PEN** PROTECTION | **5** YEAR WARRANTY

SCAN TO SEE DATA SHEET

PRODUCT CODE	EVPCFSM211LBGR	EVPCFSM211LBGRP	EVPCFSM27LBGR	EVPCFSM27LBGRP
PRODUCT DESCRIPTION	Floor Mounted with 4G, MID Meter - Three Phase	Floor Mounted with 4G, MID Meter - Three Phase	Floor Mounted with 4G, MID Meter - Single Phase	Floor Mounted with 4G, MID Meter - Single Phase
OUTPUT (kW)	1 x 22kW or 2 x 11kW		2 x 7.4kW	
SOCKET TYPE	Type 2 with Autolock			
PROTECTIVE DEVICES	SPD, 30mA AC Type A & 6mA DC Protection			
DIMENSIONS (H X W X D MM)	1422 x 265 x 265			
PAYMENT TERMINAL	Not included	Included	Not included	Included

MAIN FEATURES

- Twin type 2 socket outlets
- 750 lumen open area optic luminaire
- Backlit intuitive colour touchscreen
- On screen & RGB LED charge status indicator
- IP65 and IK10* rated durable stainless steel construction
- Supports Monta QR Code, RFID, plug & charge and payment terminal charging
- Built-in 4G connectivity, SPD, MCB and MID meters as standard
- PAS 1899 compliant design, ensuring accessible charging
- Profesionally designed luminaire head.
- Included on Relux for lighting design and planning.
- 50mm² loop in/out terminals supporting up to 130A looped wiring
- 5-year on-site warranty
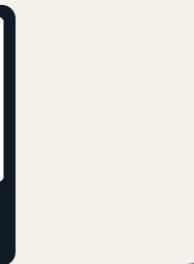
* IK10 body, IK08 screen

PRO CHARGER

Twin Socket
Wall Mounted

The Twin Wall Charger from the Pro Charger Range combines advanced technology, robust safety features, and straightforward installation to provide a dependable charging solution for public and commercial environments. Designed for locations such as workplaces, retail sites, and car parks, it delivers durability with a user-friendly design that ensures charging is both accessible and hassle-free.

Drivers benefit from large intuitive touchscreens, side-illuminated information areas, and a choice of authentication and payment options, including RFID and contactless card payment for app-free use. Fully PAS 1899:2022 compliant, the charger meets disability-accessible charging and public charging regulations, supporting inclusive use for all drivers.

Engineered for scalability, the Twin Wall Charger features 35mm² loop in/out terminals supporting up to 100A looped wiring, making installation simpler and enabling easy infrastructure expansion as demand increases.

Safety and reliability are built in, with MID meters for accurate billing, MCBs for overcurrent protection, and true PEN fault protection within a Class II housing, reducing the need for additional earthing requirements or external protective devices.

| DUAL CHARGING | IP65 RATING | IK10 RATING | LOAD BALANCING | PEN PROTECTION | 5 YEAR WARRANTY |

SCAN TO SEE DATA SHEET

- Twin type 2 socket outlets
- Backlit intuitive colour touchscreen
- On screen & RGB LED charge status indicator
- IP65 and IK10* rated durable stainless steel and UV resistant polycarbonate construction
- Supports Monta QR code, RFID, plug & charge and payment terminal charging
- Built in 4G connectivity, MCB and MID meters as standard
- PAS 1899 compliant design, ensuring accessible charging
- 35mm² loop in/out terminals supporting up to 100A looped wiring
- 5-year on-site warranty

* IK10 body, IK08 screen

PRODUCT CODE	EVPCWSM211BGR	EVPCWSM211BGRP	EVPCWSM27BGR	EVPCWSM27BGRP
PRODUCT DESCRIPTION	Wall Mounted with 4G, MID Meter - Three Phase	Wall Mounted with 4G, MID Meter - Three Phase	Wall Mounted with 4G, MID Meter - Single Phase	Wall Mounted with 4G, MID Meter - Single Phase
OUTPUT (kW)	1 x 22kW or 2 x 11kW		2 x 7.4kW	
SOCKET TYPE	Type 2 with Autolock			
PROTECTIVE DEVICES	30mA AC Type A & 6mA DC Protection		SPD, 30mA AC Type A & 6mA DC Protection	
DIMENSIONS (H X W X D MM)	625 x 333 x 210			
PAYMENT TERMINAL	Not included	Included	Not included	Included

SYNC energy | PRO CHARGER

Wall Charger 2
Socketed

Dynamic charging capabilities of up to 22kW, making it suitable for commercial settings where three-phase power is available.

It features a Type 2 socket with an auto-lock mechanism, ensuring secure connections, and provides flexible connectivity options with Wi-Fi, Ethernet, 4G and RFID.
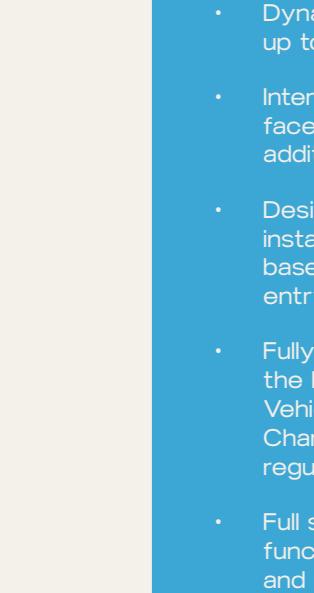
Supplied as standard with a high-impact Die Cast aluminiinium metallic fascia and designed for customisation, with interchangeable front fascias, allowing users to adjust the colour or shade to suit their preferences or match the environment.

No earth rod is required as the unit comes with integrated open PEN conductor protection, and it includes a Type A RCD (30mA AC + 6mA DC) for additional electrical safety.

The integrated Class C power meter, with the option for an external MID meter, ensures accurate measurement of energy usage.

| IK10 RATING | IP65 RATING | PEN PROTECTION | TYPE 2 | EASY INSTALLATION | 3 YEAR WARRANTY |

SCAN TO SEE DATA SHEET

PRODUCT CODE	EVWC2S22GGR
PRODUCT DESCRIPTION	Wall Mounted with 4G, Wi-Fi, LAN - Three Phase
OUTPUT (kW)	22kW
SOCKET TYPE	Type 2 with Autolock
PROTECTIVE DEVICES	30mA AC Type A & 6mA DC Protection
DIMENSIONS (H X W X D MM)	305 x 201 x 115
PAYMENT TERMINAL	Not available

MAIN FEATURES

- Single type 2 socket outlet with auto-lock

- Dynamic charging – up to 22kW (32A)

- Interchangeable faceplates, 9 additional finishes

- Designed for ease of installation with two base and one rear entry points

- Fully compliant with the latest Electric Vehicles (Smart Charge Points) regulations

- Full smart functionality and OCPP 1.6J connectivity

- Integrated open PEN conductor protection, no earth rod required

- IP65 and IK10 rated

- 3 year warranty

- Compatible EVASTAND12S and EVASTAND12T EV stands, offering flexibility in installation options

PRO CHARGER DC

120kW, 150kW & 180kW DC Charger

The Pro Charger DC range delivers ultra-rapid charging performance available 120kW, 150kW, or 180kW, making it ideal for high-demand public and commercial environments. Engineered for speed, scalability, and reliability, these chargers are designed to keep drivers moving and support the growing need for fast, efficient charging infrastructure.

Each Charger is equipped with dual DC charging cables, each 5m in length, providing flexibility and convenience for different vehicle types and parking layouts. With advanced power electronics and intelligent load management, the Pro Charger DC range offers consistent high-performance output, ensuring vehicles can be charged quickly, safely, and efficiently.

Built for demanding environments The Pro Charger DC units feature robust construction and a user-friendly interface, including large touchscreens and clear status indicators for ease of use.

Designed with integrated protection and precise energy metering delivering peace of mind for both operators and end-users.

4G GSM | **IP55** RATING | **IK10** RATING | **Wi-Fi** | **ETHERNET** | **DC CHARGING**

SCAN TO SEE DATA SHEET

MAIN FEATURES

- Ultra-rapid charging mode offers flexible configuration with two DC charging connectors
- Impressive 10.4 inch touch screen for easy use
- Cable management system with automatic arm retraction for easier operation
- Cable protection reduces bending, weather-resistant
- Charger is compatible with 99% of Electric Vehicles, to ensure broad market scope
- IP Rating at IP55 and IK Rating at IK10 (IK08 screen)
- Charging Cable length at 5 metres

PRODUCT CODE	EVPDCF120BGR	EVPDCF120BGRP	EVPDCF150BGR	EVPDCF150BGRP	EVPDCF180BGR	EVPDCF180BGRP
PRODUCT DESCRIPTION	Floor Mounted with 4G & Sim Card - Three Phase (with cable management)					
OUTPUT (kW)	120kW		150kW		180kW	
OUTPUT CURRENT	300A/connector					
DISPLAY	10.4 inch touch screen					
DIMENSIONS (H X W X D MM)	1944 x 749 x 693					
PAYMENT TERMINAL	Not included	Included	Not included	Included	Not included	Included

PRO CHARGER DC

60kW DC Charger

The Pro Charger DC 60kW offers a versatile 3-in-1 charging solution designed for locations that need reliable rapid charging alongside flexible recharging options. Delivering up to 60kW DC output with two rapid charging connectors, it ensures efficient performance where faster charging is required.

The charger features a 22kW AC socket, providing the convenience of a slower top-up charge for vehicles that don't require rapid DC power. With a system efficiency of up to 95%, the Pro Charger DC 60kW ensures energy is used effectively, reducing running costs for operators while delivering a dependable service for drivers.

Combining robust construction with a user-friendly interface, including clear touchscreens and status indicators for straightforward operation. Built-in safety features and precise metering give operators confidence in every installation.
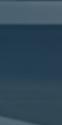
| 4G GSM | IP55 RATING | IK10 RATING | Wi-Fi | ETHERNET | DC CHARGING |

SCAN TO SEE DATA SHEET

PRODUCT CODE	EVPDCF60BGR	EVPDCF60BGRP
PRODUCT DESCRIPTION	Floor Mounted with 4G & Sim Card - Three Phase	Floor Mounted with 4G & Sim Card - Three Phase
OUTPUT (kW)	1 x 22kW and 2 x 60kW	
OUTPUT CURRENT	CCS2: 200A max	
DISPLAY	7 inch touch screen	
DIMENSIONS (H X W X D MM)	1767 x 1020 x 470	
PAYMENT TERMINAL	Not included	Included

MAIN FEATURES

- Offers 2 charging modes; Rapid charging and slow charging.

- Rapid charging mode offers flexible configuration options with two rapid DC charging connectors.

- Slow charging mode offers a 22kW AC type 2 socket for a slower re-charge

- Cable management system with automatic arm retraction for easier operation

- Cable protection reduces bending, weather-resistant

- Charger is compatible with 99% of Electric Vehicles, to ensure broad market scope

- Options available with or without payment terminals

- IP Rating at IP55 and IK Rating at IK10

- Charging Cable length at 5.5 metres
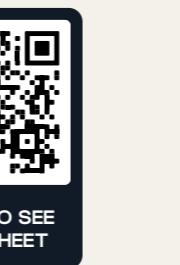
30kW DC Charger

The Pro Charger DC 30kW delivers dependable rapid charging in a compact format, making it the ideal solution for space-sensitive sites such as workplaces, retail locations, and smaller commercial hubs. With a maximum output of 100A and efficiency of up to 95%, it provides reliable performance while ensuring energy is used effectively.

Its compact design and flexible installation options, including wall or stand mounting, allow it to adapt to a variety of site layouts, offering operators greater flexibility without compromising on power. Despite its smaller footprint, the Pro Charger DC 30kW features the same robust construction, intuitive user interface, and integrated safety protections as the wider Pro Charger DC range, ensuring a consistent experience across installations.

Practical, efficient, and easy to install, the Pro Charger DC 30kW is the professional choice for sites that need reliable charging performance in a smaller, more adaptable package.

4G GSM | **IP55** RATING | **IK10** RATING | **Wi-Fi** | **ETHERNET** | **DC CHARGING**

SCAN TO SEE DATA SHEET

MAIN FEATURES

- Rapid charging mode offers a 100A max output from single DC charging connector

- Compact wall or stand mounted design

- Intuitive 7 inch touch screen for easy use

- Charger is compatible with 99% of Electric Vehicles, to ensure broad market scope

- DC Mounting Stand available, sold separately (EVASTAND30DC)

- Options available with or without payment terminal

- IP Rating at IP55 and IK Rating at IK10 (Screen IK08)

PRODUCT CODE	EVPDCW30BGR	EVPDCW30BGRP
PRODUCT DESCRIPTION	Wall Mounted with 4G & Sim Card - Three Phase	Wall Mounted with 4G & Sim Card - Three Phase
OUTPUT (kW)	30kW	
OUTPUT CURRENT	100A max	
DISPLAY	7 inch touch screen	
DIMENSIONS (H X W X D MM)	440 x 680 x 320 or 1310 x 680 x 320 (with Stand)	
PAYMENT TERMINAL	Not included	Included

Accessories

Interchangeable Front Fascias
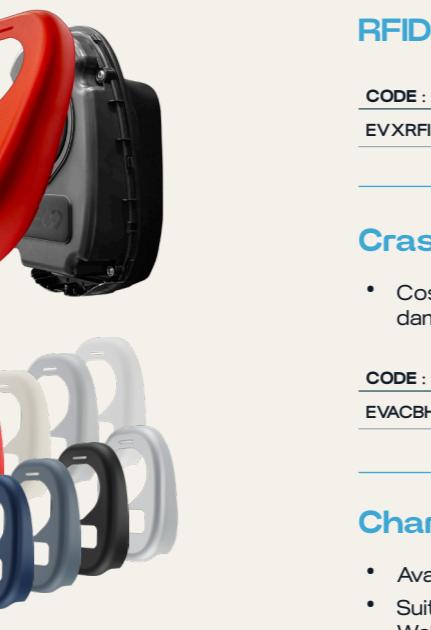
- Choose from a range of 9 colours
- Easy to fit DIY swap
- Universal fit for socketed or tethered Wall Charger 2 chargers

CODE :	COLOUR :
EVWC2TMMS	High Impact Metallic Silver
EVWC2TPSR	Signal Red
EVWC2TPRG	Racing Green
EVWC2TPDB	Deep Blue
EVWC2TPTW	Traffic White
EVWC2TRJB	Jet Black
EVWC2TPBG	Blue Grey
EVWC2TPSG	Signal Grey
EVWC2TPSY	Sandstone Yellow
EVWC2TPAG	Anthracite Grey (as standard)

Load Balancing

- Reliable charging up to 16 chargers
- Each EV charger receives some level of power, even during peak demand periods
- Dynamically adjusts available power according to the building's demands

CODE :	TYPE :
EVAB1ETP400	Three Phase up to 400A
EVAB1ESP120	Single Phase up to 120A
EVAB1D	Balancer only For existing din rail mounting

RFID Fobs

CODE :	TYPE :
EVXRFIDFOB	Additional RFID fobs

Crash Barrier

- Cost effective protection from accidental damage by vehicles

CODE :	TYPE :
EVACBHSS	'H' style EV crash barrier, stainless steel 306

Charger Stands

- Available as single or twin
- Suitable for EVS, EVT and all Wall Charger 2 models

CODE :	TYPE :
EVASTAND12T	For 2 x single outlet chargers
EVASTAND12S	For 1 x single outlet chargers

DC Charger Stand

- Suitable for EVPDCW30BGR models only
- Stainless steel construction

CODE :	TYPE :
EVASTAND30DC	30kW Pro Charger DC Floor Mounting Column

Technical Glossary

CT Clamp (Current Transformer Clamp)

A device used to measure the current flowing through a conductor by clamping around it. Commonly used for monitoring and metering electricity usage without direct contact.

IP Rating

Ingress Protection (IP) ratings specify the level of protection an electrical device has against solids and liquids.

- **IP20**
  Protected against solid objects larger than 12.5mm but not protected against water.
- **IP65**
  Dust-tight (complete protection against dust) and protected against low-pressure water jets from any direction.
- **IP66**
  Dust-tight (complete protection against dust) and protected against high-pressure water jets from any direction.

IK Rating

A rating that indicates the level of protection a device's enclosure provides against mechanical impacts. It ranges from IK00 (no protection) to IK10 (protection against 20 joules impact). Higher ratings indicate greater durability.

Socketed

Refers to a type of EV charger that requires the user to plug in their own charging cable to connect the vehicle to the charger. This offers flexibility as it can be used with different types of cables.

Tethered

Refers to an EV charger that has a fixed charging cable attached to it. This type of charger is convenient as the cable is always available and ready for use.

PAS Compliant

Indicates that a product or system complies with a Publicly Available Specification (PAS1899), which is a document that standardizes a particular process or product. Compliance with PAS ensures that the EV charging equipment meets specific industry standards and requirements for safety, quality, and performance.

True PEN Fault Protection

A safety feature in EV charging equipment designed to detect and protect against faults in the Protective Earth and Neutral (PEN) conductors. True PEN Fault Protection ensures that in the event of a fault, the system will disconnect to prevent electric shock or damage to the vehicle and charging infrastructure. This is crucial for maintaining safety in installations where the integrity of the PEN conductor could be compromised.

4G Connectivity

Refers to the fourth generation of mobile network technology, providing high-speed wireless internet access. In EV charging stations, 4G connectivity allows for remote monitoring, control, and data transmission.

RFID (Radio-Frequency Identification)

A technology that uses electromagnetic fields to automatically identify and track tags attached to objects. In the context of EV charging, RFID is often used for user authentication and access control.

MID Meter (Measuring Instruments Directive Meter)

A type of energy meter certified under the European Measuring Instruments Directive (MID). These meters ensure accurate measurement of energy consumption for billing purposes in commercial EV charging stations.

Loop In/Out Terminals

Connection points in an electrical circuit that allow for easy addition of devices in a daisy-chain configuration. In EV chargers, loop in/out terminals facilitate the installation and expansion of charging points.

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Sign-up for the Installer Portal :

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