

PROJECT EV

# THE FUTURE OF EV CHARGING

A FULL RANGE OF AC & DC CHARGERS



Perfect for both domestic and commercial environments, extending from fast AC 7.3kW chargers to ultra-rapid DC 360kW charge points.



[www.projectev.co.uk](http://www.projectev.co.uk)

\*V1.1. Information correct as of 04/23, contents can be subject to change without prior notice.

# Working towards Decarbonisation with Renewable Energy and Electric Vehicle Charging is at the Heart of What We Do.

Our mission is to drive Project EV and its range of Electric Vehicle chargers to being the most advanced smart solution for all customers, resellers or manufacturers. With leading technology and exceptional service, Project EV aims to be the preferred choice in the UK and Europe.



# THE FUTURE OF EV CHARGING

## OUR RANGE OF EV CHARGERS



Fast AC Charge Points



Rapid & Ultra-Rapid DC Charge Points



## THE EV CHARGING REVOLUTION FOR A SUSTAINABLE TOMORROW

At Project EV, we specialise in providing only the most cutting-edge electric vehicle charging points, connecting our customers with technology that breaks boundaries. Our goal is to help people finally make the switch to clean and affordable energy by adopting smart charging for electric vehicles.

With a wide range of floor and wall-mounted AC and DC electric car chargers, our technology provides you with the high energy output you need to keep your EV charged and running well. Our range of electric vehicle charge points extends from 7.3kW

AC up to 360kW DC charge points, providing solutions for all locations. Our electric vehicle charging points come with full electrical and temperature protection, compact design, smart apps, and they are all tested to European standards, with an OCPP v1.6 open charge point protocol.



# AC VS DC CHARGERS



There are two kinds of 'fuels' that can be used in electric cars. They're called alternating current (AC) and direct current (DC) power. The power that is supplied from the grid is always AC. However, batteries like the one that powers your EV, can only store power as DC. This means that inbetween the grid and the battery, this energy has to be converted.

## FAST AC CHARGERS

*4 - 12 hours Charging*

An AC charging point/EVSE supplies the vehicle's onboard charger which in turn converts the AC power to DC, charging the battery. The size of the onboard charging device is constrained by the space inside the vehicle, and the price point the manufacturer needs to sell the car. With a vehicle's onboard converter being small, the amount of power that AC chargers can deliver to the battery is typically low (6-22kW).The constrained supply makes it more ideal for long-stay parking, hotel overnight parking, office visitor/employee parking, overnight fleet and domestic charging, and long-stay public charging.



When it comes to electric vehicles, the converter is built inside the car. It's called the "onboard charger" though it really is a converter. It converts power from AC to DC and then feeds it into the car's battery.

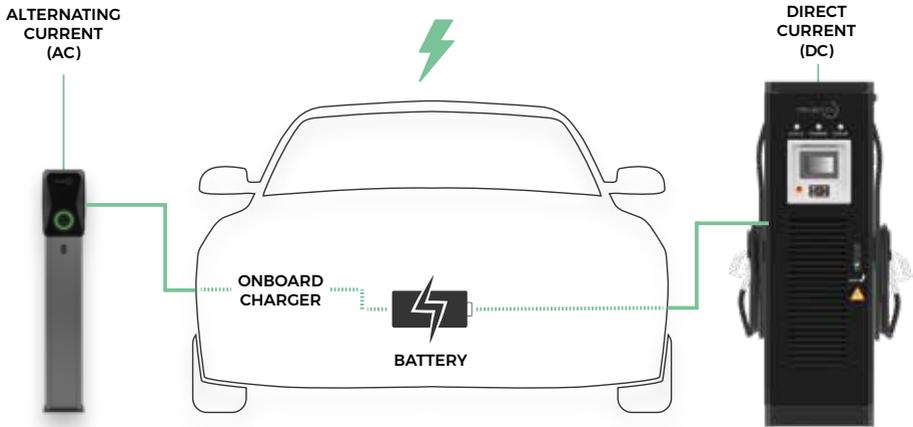
## RAPID DC CHARGERS

*30 Minutes - 4 Hours Charging*

A DC rapid charge bypasses the onboard charging device, supplying power directly and safely to the vehicle's battery. The DC charger is external to the vehicle and therefore not constrained in size or cost. DC rapid chargers use three-phase power, and have smart technology, enabling them to adjust the charge level to suit the battery state or charger (SOC). DC rapid chargers can charge up to 360kWp/h depending on the EV charge point capacity. This makes DC charging best for attracting passing EV drivers, improving rapid charging network availability, fleet charging, short-stay parking, hotel meeting venues, EV service centers, and hospitals.



# HOW AC VS DC CHARGERS WORK



The main difference between AC and DC charging is where the conversion happens. No matter whether an EV uses an AC or DC charging station, the EV's battery will still only store DC energy.

When you use a DC charging station, the conversion from AC to DC happens within the charging station, thus allowing the DC power to flow directly from the station and into the battery. As the conversion process happens within a more spacious charging station and not the EV, larger converters can be used to convert AC power from the grid very quickly. Whereas with an AC charger it is converted to DC when charging an electric vehicle, instead of being converted in the charging station it is converted inside the vehicle via the onboard charger.

## EV PLUG TYPES

Unlike traditional internal combustion engines that all use similar filler nozzles to receive their fill of fuel, with electric cars there are at least four different plug types, with various manufacturers committed to one or even two variations, so it's important to know your vehicle plug types. For AC charging there are two types of plugs you need to know, these are known as Type 1 & Type 2 plugs. For DC charging there are also two types of plugs you need to know, these are known as CCS & CHAdeMO plugs.



TYPE 1  
(AC PLUG TYPE)



TYPE 2  
(AC PLUG TYPE)



CCS  
(DC PLUG TYPE)



CHADEMO  
(DC PLUG TYPE)

# 7.3KW AC RANGE



## FAST, SMART AC CHARGING

The 7.3kW charging range is a collection of single phase AC electric vehicle chargers, ideal for domestic use. Our charging units come packed with features as well as a market-leading five-year warranty.

With a compact sleek design and solar compatibility; these chargers have time shifting capabilities giving you the opportunity to save £100's per year\*, a cable lock system for added security, free mobile monitoring app, and a dynamic load balancing system.

### EVA-07S-S



FAST CHARGING

### EVA-07S-SE



PRO EARTH  
NO SPIKE REQUIRED

### EVA-07S-SE-RFID



RFID CONTROL



PRO EARTH  
NO SPIKE REQUIRED



SOLAR COMPATIBLE



COMPACT DESIGN



CABLE LOCK SYSTEM



EUROPEAN STANDARD

## OPTIONAL ACCESSORIES



FLOOR STAND



PROTECTION POST



GROUND MOUNT



SIGNAGE

MARKET-LEADING  
**5 YEAR**  
 WARRANTY

**BUY PROJECT EV**  
 OR **BUY TWICE**

All Project EV 7.3kW chargers come solar ready as standard. We have a vast collection of Pro Earth models with no earth spike required, meaning no costly installation.



EVA-07S-SE-RFID-4G



- 4G CONTROL
- PRO EARTH NO SPIKE REQUIRED

EVA-07S-PE-RFID



- TETHERED CHARGER
- PRO EARTH NO SPIKE REQUIRED

**BRAND NEW**  
**ALL BLACK**  
 CHARGER DESIGN

**FAST CHARGING**

**IP65 PROTECTION**

**DYNAMIC LOAD MANAGEMENT**

**TYPE 2 CONNECTOR**

**CONTROL TYPES**

**Project EV App**

**Project EV Pro App**

**RFID Card\***

\*RFID control only available on RFID charger models.

# 22KW AC RANGE



## THREE PHASE AC CHARGING

The 22W charging range is a collection of three phase AC electric vehicle chargers, ideal for domestic use. Our charging units come packed with features as well as a market-leading five-year warranty.

With a compact sleek design and solar compatibility; these chargers have time shifting capabilities giving you the opportunity to save £100's per year\*, a cable lock system for added security, free mobile monitoring app, and a dynamic load balancing system.

### EVA-22S-SE-RFID



FAST CHARGING

### EVA-22S-SE-RFID-4G



4G CONTROL

### CONTROL TYPES



Project EV App



Project EV Pro App



RFID Card



PRO EARTH  
NO SPIKE REQUIRED



5 YEAR  
WARRANTY



DYNAMIC  
LOAD MANAGEMENT



RFID  
CONTROL

### OPTIONAL ACCESSORIES



FLOOR  
STAND



PROTECTION  
POST



GROUND  
MOUNT



SIGNAGE

## BRAND NEW PRO EARTH CHARGERS COMING 2023

Our brand new range of NOVO chargers are an AC, all-black minimalist charging collection, that does not require an earth spike or costly groundworks upon install – saving you time and money.

The NOVO chargers come packed with features as well as a market-leading five-year warranty.

**CHARGER MODELS AVAILABLE:  
7.3kW & 22kW**



### NOVO EVA-07S-SE



**7kW**  
POWER OUTPUT

### NOVO EVA-22S-SE



**22kW**  
POWER OUTPUT

### CONTROL TYPES



Project EV App



Project EV Pro App



RFID Card



**PRO EARTH**  
NO SPIKE REQUIRED



**5 YEAR**  
WARRANTY



**SOLAR**  
COMPATIBLE



**COMPACT**  
DESIGN

### OPTIONAL ACCESSORIES



**FLOOR**  
STAND



**PROTECTION**  
POST



**GROUND**  
MOUNT



**SIGNAGE**

# DUAL WALL CHARGERS



## BRAND NEW DUAL PRO EARTH CHARGERS

The Dual Wall chargers are an AC, all-black minimalist charging collection, that does not require an earth spike or costly groundwork - saving you time and money.

The unit is capable of charging one or two vehicles simultaneously, utilising the chargers split power output capabilities, both charging sockets will power your vehicle at the units full potential. This convenience is perfect for a renewable-centric family or small-scale commercial purposes.



EVA-07D-SE-W



EVA-22D-SE-W



### CONTROL TYPES



Project EV App



Project EV Pro App



RFID Card



PRO EARTH  
NO SPIKE REQUIRED



5 YEAR  
WARRANTY



MID  
METERING



FULL  
PROTECTION

### OPTIONAL ACCESSORIES



FLOOR  
STAND



PROTECTION  
POST



GROUND  
MOUNT



SIGNAGE

# DUAL FLOOR CHARGERS



## DUAL FLOOR SMART CHARGERS

7.3KW & 22KW

The floor standing, Project EV dual-gun units are ideal for running small scale commercial charging. These chargers are capable of charging one or two vehicles simultaneously, utilising the chargers split power output capabilities, both charging sockets will power your vehicle at the units full potential.

The charging can be controlled through the Project EV free app, Project EV Pro app or RFID functionality.



EVA-07D-SE-RFID



DUAL GUN  
PRO EARTH

EVA-22D-SE-RFID



DUAL GUN  
PRO EARTH

## CONTROL TYPES



Project EV App



Project EV Pro App



RFID Card



PRO EARTH  
NO SPIKE REQUIRED



5 YEAR  
WARRANTY



MID  
METERING



RFID  
CONTROL

## OPTIONAL ACCESSORIES



FLOOR  
STAND



PROTECTION  
POST



GROUND  
MOUNT



SIGNAGE

# 20KW DC CHARGER



## BRAND NEW 20KW RAPID CHARGER

The EVD-20S-P is a three-phase, commercial DC charging unit, featuring a single CCS gun.

With it's high power, it's an ideal small-scale commercial charging unit that is also compatible with our bespoke app, allowing for easy fleet and cost management - as well as being able to manage load balancing for larger scale charging across multiple vehicles.



EVD-20S-P



TETHERED  
CHARGER



RAPID  
CHARGING



COMMERCIAL  
CHARGING



EUROPEAN  
STANDARD

## CONTROL TYPES



Project EV App



Project EV Pro App



RFID Card

## OPTIONAL ACCESSORIES



FLOOR  
STAND



PROTECTION  
POST



GROUND  
MOUNT



SIGNAGE

# 40KW DC CHARGERS

PROJECT EV

## SMART, RAPID DC CHARGING

The 40kW DC charger is a three-phase unit, packed full of features and a five-year / 30,000 hour warranty as standard.

### EVD-40S-P



### EVD-40D-P-CM



### EVD-40D-P-CC



## CONTROL TYPES



Project EV App



Project EV Pro App



RFID Card

## OPTIONAL ACCESSORIES



FLOOR  
STAND



PROTECTION  
POST



GROUND  
MOUNT



SIGNAGE

# 60KW - 160KW DC MODULAR CHARGERS

PROJECT EV

## MODULAR DC CHARGERS RAPID TO ULTRA-RAPID

NEW

### MODULAR CONFIGURATIONS AVAILABLE:

- 60kW EV Charger [Configurations: 1x60kW or 1x20kW, 1x40kW]
- 80kW EV Charger [Configurations: 1x80kW or 2x40kW]
- 100kW EV Charger [Configurations: 1x100kW or 1x60kW, 1x40kW]
- 120kW EV Charger [Configurations: 1x120kW or 2x60kW]
- 160kW EV Charger [Configurations: 1x160kW or 2x80kW]



5 YEAR / 30,000  
HOUR WARRANTY



SPLIT POWER  
OUTPUT



INTEGRATED RCBO  
ISOLATION



EUROPEAN  
STANDARD

### OPTIONAL ACCESSORIES



ADDITIONAL  
RFID CARDS



PROTECTION  
POST



BRANDING  
AVAILABLE



SIGNAGE

# 150KW - 360KW DC MODULAR CHARGERS

PROJECT EV

## ULTRA RAPID DC CHARGING

The 150-360 kW DC Charger takes a modular approach to commercial charging.

With it's high power output, it's perfect for commercial charging application. Being fully compatible with the Project EV Pro App, allows for easy fleet and cost management, as well as being able to manage load balancing for larger scale charging across multiple vehicles.



**NEW**

### CONTROL TYPES



Project EV App



Project EV Pro App



RFID Card

### MODULAR CHARGERS AVAILABLE:

■ 150kW EV Charger

■ 300kW EV Charger

■ 180kW EV Charger

■ 360kW EV Charger



5 YEAR / 30,000 HOUR WARRANTY



SPLIT POWER OUTPUT



ULTRA RAPID CHARGING



EUROPEAN STANDARD

### OPTIONAL ACCESSORIES



ADDITIONAL RFID CARDS



PROTECTION POST



BRANDING AVAILABLE



SIGNAGE

# THE NEW PRO EARTH INTERFACE



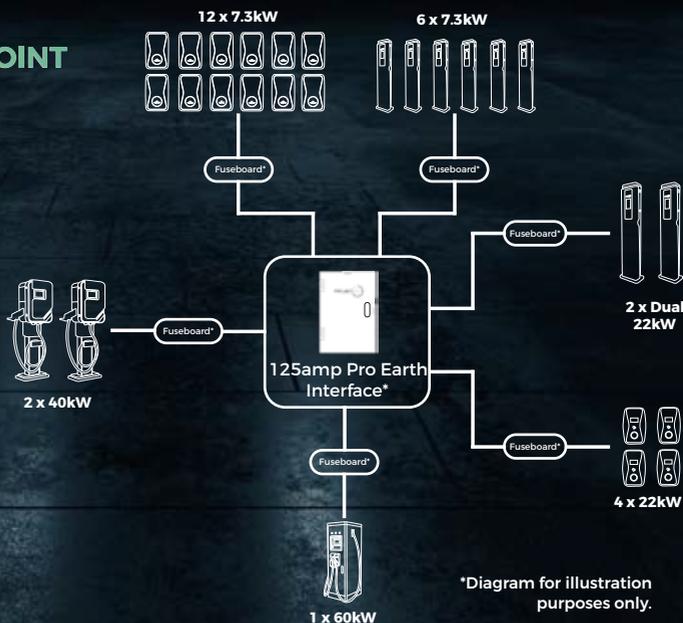
## EV-PROI-125A

The new Project EV Pro Earth Interface allows you to convert any electric vehicle charge point into a Pro Earth charging unit. Our device has the ability to connect multiple charge points to one interface, granting full PEN protection across multiple charge points simultaneously.

With a market-leading five-year warranty, and IP5X protection, the Pro Earth Interface is built in a smart compact design, for convenience and ease upon installation.



## HOW IT WORKS: MULTIPLE CHARGE POINT APPLICATIONS



\*Diagram for illustration purposes only.

# FEATURES PACKED AS STANDARD



We pack our products with the best features, so you can make the most out of your EV charger.

All of our 7.3kW fast charge points, up to our 40kW rapid chargers, are all OZEV approved. All of our chargers are OCPP 1.6 compliant, all meeting UK & European standards, and they are all covered by a market-leading five-year warranty.



Project EV are proud to be one of the most competitively priced electric vehicle charge point manufacturers on the market, with a highly versatile range, we are positive Project EV can solve all your electric vehicle needs.

## ADDITIONAL CHARGING ACCESSORIES

We also offer a range of accessories including cables, protection barriers, mounting poles, signage, and additional RFID cards.



### Cables.

Ensure you have the exact charging cable you need for your unit. Project EV has a range of charging cables available to tailor around your needs.



### Floor Stands.

Your EV Charger is not limited to being wall mounted. With the Project EV Floor Stands you can safely mount your charger to our secure posts.



### RFID Cards.

Allow for multiple people to use your RFID controlled EV charger. Get additional cards and give them access to your charge point, with a simple swipe.

SMART ELECTRIC VEHICLE CHARGING MADE EASY.



# FULLY SMART APP CONTROL



## The Project EV App



Power flow management



Load balancing feature



Multiple mode control  
(via app, plug and go, RFID swipe card)



Charging inventory list for  
one or multiple chargers registered



## DOWNLOAD THE FREE APP TODAY



**The Project EV Free App allows for full remote control, from anywhere.**

With our bespoke app, you can remotely set your charger or chargers to only provide power during off-peak hours, allowing for charging at a much lower energy tariff, saving you money. You can also add and manage multiple accounts on a single app, allowing for all users of a vehicle to have control over its charging state. The same can be done for multiple chargers, which can be linked to a single app account to streamline control and simplify the process for the user. Our simple, intuitive UI means seamless guiding through multiple charging modes and time settings.



Manage and add multiple charge  
points to one master account



Solar charging option



# FULLY SMART PUBLIC CHARGING MANAGEMENT

## The Project EV Pro App



Create RFID tags for charger operation



Multiple, easy payment methods



Revenue & expenses analysis: daily, monthly, and yearly



Redeem voucher codes



### DOWNLOAD THE PRO APP TODAY

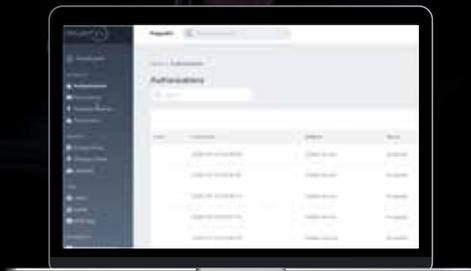


## CONTROL EVERYTHING

The Project EV Pro App is a unique EV charging platform, providing you the ability to utilise public charging capabilities. Manage and control multiple chargers - and generate a fluid revenue stream.

The Project EV Pro App dashboard is intuitive and user-friendly, allowing you to monitor your charger activity, and review data and analytics to discover new revenue opportunities.

With our RFID function you can assign your staff a designated charging tag, creating a simple workplace charging scheme with the swipe of a card - allowing for more efficient monitoring of expenses costs.



# WANT TO LEARN MORE?

## PROJECT EV ROADSHOW



Discover the full benefits of EV charging



Gain insider knowledge



Q&A

Coming to a wholesale branch near you  
Enquire with your local Project EV rep today

## SIGN-UP TO THE FREE PROJECT EV TRAINING WEBINARS

Project EV have two bespoke monthly webinar sessions, one covering sales training, the other covering technical installation training, which can be viewed live or watched at a later date. All you have to do is sign-up to the session that best suits your interests.

A great opportunity to learn everything about Project EV!  
Find out more on our socials



[www.projectev.co.uk](http://www.projectev.co.uk)

\*Information correct as of 04/23

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