WEST LANCASHIRE GROUP
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Technical Submittal Cover Page

Project Name	**Building 401 MAG**
Project No	**247**
Tech Sub No.	**TS-006**
Date Issued	**06 February 2023**
Date Required	**13 February 2023**

DISTRIBUTION

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To	McLaren	Gary.Wilson@mclarengroup.com	Y	X
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cc			Y	X

SPECIFICATION REFERENCE	MANUFACTURER
MEP Performance Specification (60663052-ACM-401-XX-SP-BS-50001)	Project EV

GENERAL DESCRIPTION OF EQUIPMENT

Please see attached our technical submittal for Electric Vehicle Charger and Management App

ATTACHMENTS WITH MODEL/PART NUMBERS

EVA-07D-SE-RFID (Highlighted by yellow box)
Project EV Free & Pro operation APP☐
☐

CLIENTS COMMENTS

DATE		STATUS	

PROJECT EV

THE FUTURE OF EV CHARGING

A FULL RANGE OF AC & DC CHARGERS



7.3kW | 22kW | 7.3kW & 22kW Dual | 7.3kW & 22kW Floor | 40kW | 50-60kW | 150kW & 300kW

FEATURES PACKED AS STANDARD...

- 5 YEAR WARRANTY
- PRO EARTH NO SPIKE REQUIRED*
- DYNAMIC LOAD MANAGEMENT
- SOLAR COMPATIBLE
- CABLE LOCK SYSTEM
- INTEGRATED RCBO ISOLATION
- FULL PROTECTION
- QUICK INSTALLATION

projectev.co.uk

*Pro Earth - 'No Earth Spike Required' only applies to SE charger models.



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.

PROJECT EV

Everybody is GOING ELECTRIC

Everybody is going electric; the range of vehicles is bigger than ever with all manufacturers from Ford to Ferrari, domestic and commercial vehicles are all making introduction EVs a part of their core range. The infrastructure is growing at the same pace with more accessibility to charge points across the UK.

600,000+

Total Plug-in Cars Registered in the UK August 2021 (approx)

12,437

New Plug-in Cars Registered UK August 2021 (approx)

66%

Growth of electric vehicles registered August 2021 in the UK since 2019 (approx)

26,574+

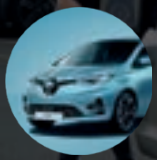
UK Charge Points October 2021 (Zap-Map)

Data Sourced from: https://www.nextgreencar.com/electric-cars/statistics/ & www.zap-map.com/statistics/

Go Electric Now and Save

Annual EV Running Costs

Small Car
(Renault Zoe Play R110)



£361.00

Electric: 17.5p/kW
Miles Per Year: 7,400

Medium Car
(Tesla Model 3 Standard Plus)



£300.00

Electric: 17.5p/kW
Miles Per Year: 7,400

Large Car
(Ford Mustang Mach-E)



£344.00

Electric: 17.5p/kW
Miles Per Year: 7,400

Data Sourced from: www.comparethemarket.com/car-insurance/content/electric-vehicle-cost-calculator/

PROJECT EV

projectev.co.uk

THE FUTURE OF EV CHARGING

ALL BLACK CHARGERS COMING 2022



JOIN 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 300kw 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.

Features Packed as Standard

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

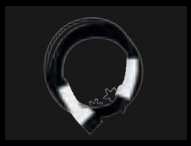
All of our 7.3kW fast charge points, up to our 40kW rapid chargers, are all OZEV approved. All of our chargers are OCPP 1.6 compliant, they all meet UK & European standards, and they are all covered by a market-leading five-year warranty.

- 5 YEAR WARRANTY
- PRO EARTH NO SPIKE REQUIRED
- CABLE LOCK SYSTEM
- 18TH EDITION COMPLIANT
- SOLAR COMPATIBLE
- INTEGRATED RCBO ISOLATION
- DYNAMIC LOAD MANAGEMENT
- OFF-PEAK TIME SHIFTING

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.



*Pro Earth - 'No Earth Spike Required' only applies to SE charger models.

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 comes 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



- 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

*The amount of potential savings you can save all depends on your energy provider and your set energy tariff rates.

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-4G-SIM-RFID



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

*The amount of potential savings you can save all depends on your energy provider and your set energy tariff rates.

Dual Wall Chargers

PROJECT EV

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

- 5 YEAR WARRANTY
- MID METERING
- OZEV APPROVED
- FULL PROTECTION

OPTIONAL ACCESSORIES

- FLOOR STAND
- PROTECTION POST
- GROUND MOUNT
- SIGNAGE

Dual Floor Chargers

PROJECT EV



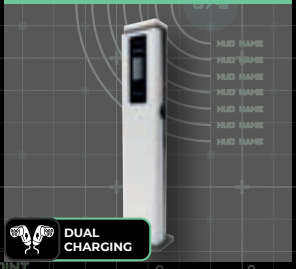
DUAL FLOOR SMART CHARGERS

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.

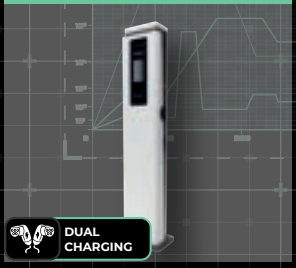
The charging can be controlled through the Project EV free app, Project EV Pro app or RFID functionality.

EVA-07D-S-RFID



DUAL CHARGING

EVA-22D-S-RFID



DUAL CHARGING

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

*DISCONTINUED PRODUCT - Order Whilst Stocks Last

20kW DC Charger

PROJECT EV

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

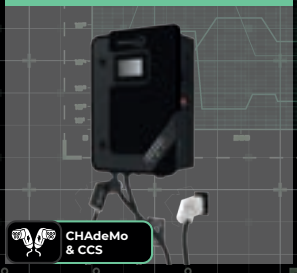
The 40kW DC charger is a three-phase unit, packed full of features and a five-year warranty as standard.

EVD-40S-P



CCS CONNECTOR

EVD-40D-P-CM



CHAdeMo & CCS

EVD-40D-P-CC



CCS x2 CONNECTOR

CONTROL TYPES

- Project EV App
- Project EV Pro App
- RFID Card

OPTIONAL ACCESSORIES

- FLOOR STAND
- PROTECTION POST
- GROUND MOUNT
- SIGNAGE

60kW DC Chargers

PROJECT EV



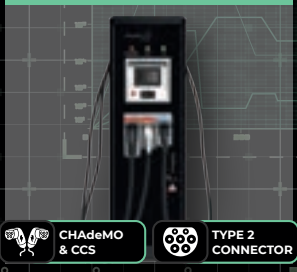
MULTI-GUN DC RAPID CHARGING

EVD-60D-CM



CHAdeMO & CCS

EVC-AC22S/DC60D



CHAdeMO & CCS

TYPE 2 CONNECTOR

CONTROL TYPES

- Project EV App
- Project EV Pro App
- RFID Card

- 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 DC Chargers

PROJECT EV

ULTRA RAPID DC CHARGING

The 150kW range is a collection of ultra rapid three-phase, commercial DC charging units.

With the 150kW's high power, the charger is ideal for commercial charging. Compatible with our bespoke Project EV app, the unit can be easily used for fleet and cost management - as well as being able to manage load balancing for larger scale charging across multiple vehicles.



EVD-150D DC



- CCS x2 CONNECTOR

EVC-AC44D/DC150D



- CCS x2 CONNECTOR
- TYPE 2 x2 CONNECTOR

CONTROL TYPES

- Project EV App
- Project EV Pro App
- RFID Card

- 5 YEAR / 30,000 HOUR WARRANTY
- SPLIT POWER OUTPUT
- ULTRA RAPID CHARGING
- EUROPEAN STANDARD

OPTIONAL ACCESSORIES

- ADDITIONAL RFID CARDS
- PROTECTION POST
- BRANDING AVAILABLE
- SIGNAGE

300kW DC Chargers

PROJECT EV

ULTRA RAPID DC CHARGING



Project EV's 300kW charger is an ultra rapid three-phase, commercial DC charging unit.

With the 300kW's high power, the charger is ideal for commercial charging. Compatible with our bespoke Project EV app, the unit can be easily used for fleet and cost management - as well as being able to manage load balancing for larger scale charging across multiple vehicles.

EVD-300D



CCS x2 CONNECTOR

CCS x2 CONNECTOR

ULTRA RAPID CHARGING

COMMERCIAL CHARGING

5 YEAR / 30,000 HOUR WARRANTY

CONTROL TYPES

Project EV App

Project EV Pro App

RFID Card

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.



- **5 YEAR WARRANTY**
- **PRO EARTH** NO SPIKE REQUIRED
- **IP5X PROTECTION**
- **MULTIPLE** CHARGE CONNECTION

HOW IT WORKS:
MULTIPLE CHARGE POINT APPLICATIONS



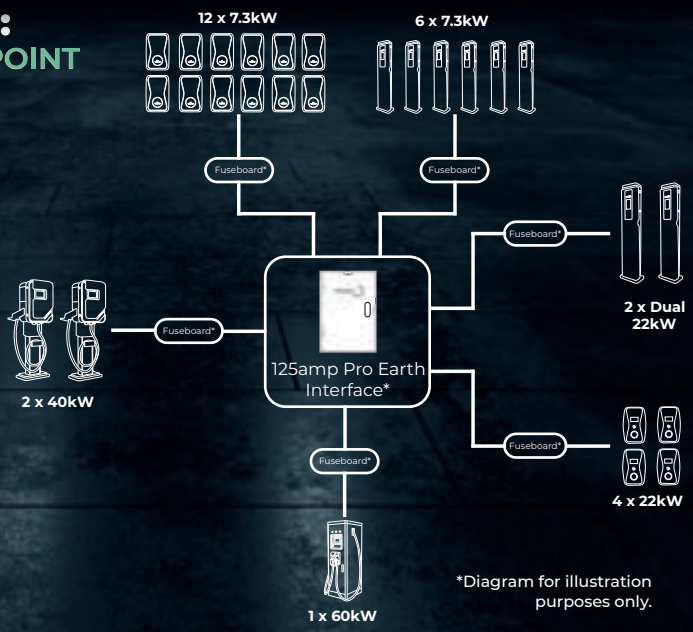


*Diagram for illustration purposes only.

EV Chargers
FOR NEWBIES

A glossary of terms for those joining the EV revolution.

Pro Earth

Pro-Earth chargers, which do not require an earth spike to detect the loss of neutral. Instead, this process is completed internally with a PEN fault detection device.

RFID

Radio-frequency identification for touch and charge.

OCPP

Open Charge Point Protocol. Meaning it's connected to the nationwide network of EV chargers.

Dynamic load management

Power is evenly distributed so that multiple cars are charged at the same rate when charging simultaneously, and that - when there's sufficient capacity - charging happens at full volume.

Cable lock system

Cable lock is unique to the Project EV range of untethered EV charge points. It's the best of both worlds as it allows the user to lock their gun in the charge point, making it tethered for convenience - with the ability to unlock for safety and security when required.

Type 2

AC, variable speed charge point plug for anywhere from 3 - 43kW

CCS

20 - 350kW rapid charging plug, used mostly for fleet charging.

CHAdeMO

20 - 60kW rapid charging plug, used mostly for fleet charging.

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

Download on the App Store

ANDROID APP ON Google play

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 it's 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

Download on the App Store

ANDROID APP ON Google play

CONTROL EVERYTHING

The Project EV Pro App is a unique EV charging platform, providing you the ability to utilise public charging capabilities, to manage and control multiple chargers - from which you can 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?



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

projectev.co.uk

*Information correct as of 11/21

*The contents of this magazine are for illustration purposes only. The products, services and contents can be changed at any time and without prior notice. Products may be changed when not available. This does not affect your statutory rights.


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Free App
Pro App
EV
PEV
PRO
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PROJECT EV

Project EV App

	Project EV App	Project EV PRO App
Plug & Charge	✓	✓
RFID control (only with RFID chargers)	✓	✓
App control	✓	✓
Dynamic Load Balancing	✓	
Static Load Balancing for mulitiple chargers		✓
Solar charging modes	✓	
Track your charging costs	✓	✓
Records of your charging	✓	✓
Schedule charging	✓	
Lock your charging lead	✓	
Public charging Pay-At-Charger		✓
Customisable tariffs		✓
Private & fleet management		✓
Use your company RFID card to control chargers		✓
Live-View Back Office dashboard		✓
Historical & analytical reports		✓
Visibility of your charge points in all locations		✓
Track users		✓
Instant notification when offline		✓
	FREE	£135 for 3 years*

Monthly equivalent: £3.46

Admin fee of 10% (for payments made on the platform)

Set-up Cost
0-5 Charge Points = Free
6-24 Charge Points = £95
25-49 Charge Points = £245
50+ Charge Points = £495

FOLLOW US ON SOCIAL MEDIA

@projectevuk

@weareprojectev

@projectev

PROJECT EV

Project EV Free App

The FREE Project EV App allows you to choose and customise charging rates, prioritise off-peak charging to maximise savings (including via a solar charging mode) and create charging records; so you can see and control all your data.

The app allows full remote control of your charging unit, our gun-lock feature allows you to safely secure your charging cable to your car. Meaning wherever you are, you will always be in control of a safe and secure charge.

You can create custom charging times to suit your schedule, allowing you to take advantage of off-peak charging tariffs and save money.

- Charging inventory list for one or multiple chargers registered
- Securely authorise another person to use
- Manage and add multiple charge points to one master account
- Power flow management
- Multiple mode control (via app, plug and go, RFID swipe card)
- Solar charging option
- Off-peak timed charging
- Load balancing feature
- State of charge



EV

Download on the App Store

ANDROID APP ON Google play

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- Revenue & expenses analysis: daily, monthly, and yearly
- Create RFID tags for charger operation
- Redeem voucher codes
- Multiple, easy payment methods



ANDROID APP ON Google play

Download on the App Store

PROJECT EV

Project EV Pro CRM

Why you need our Pro CRM

Control Everything
You will have full remote access and control of your charging fleet, with our Project EV CRM

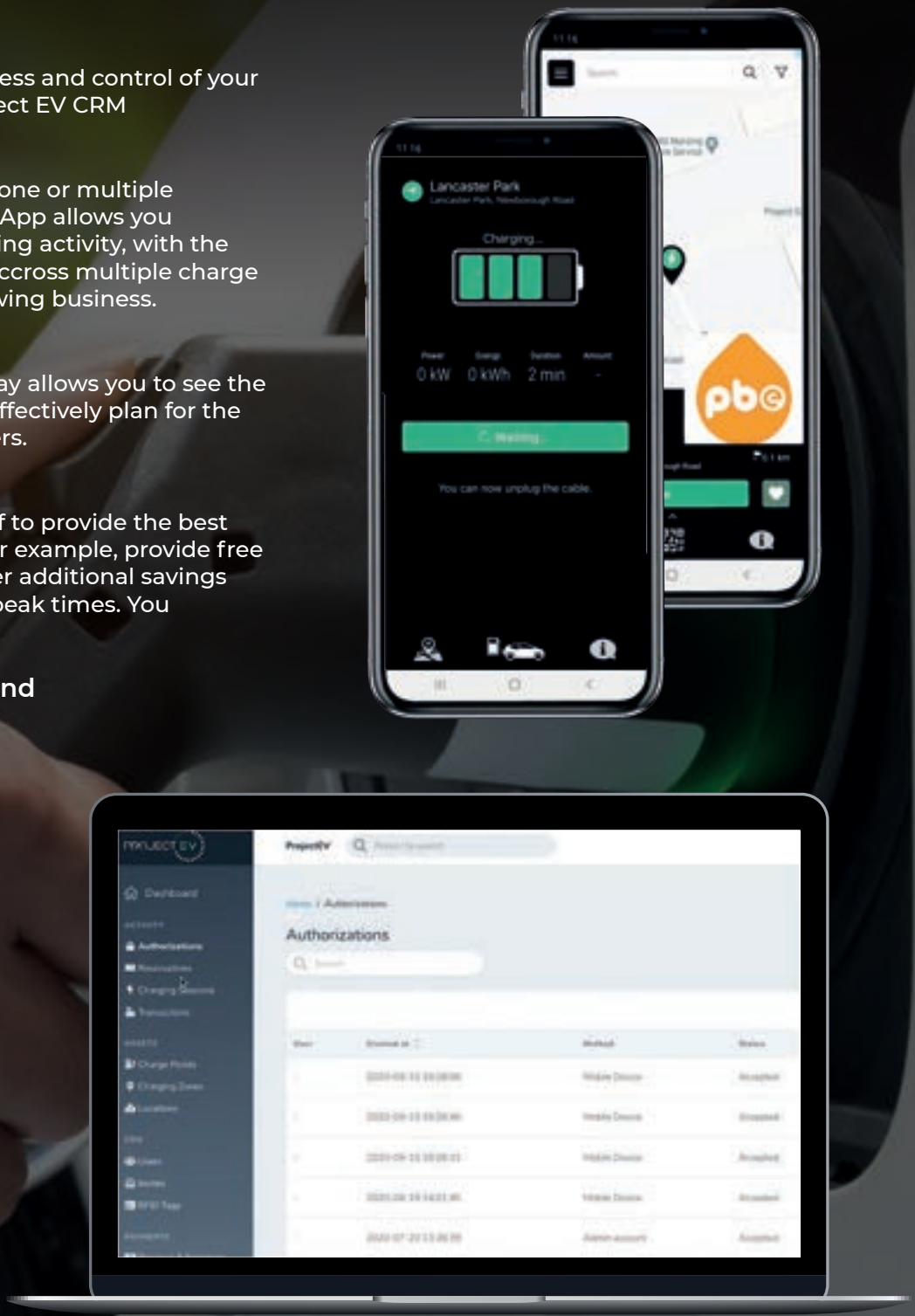
Plan for the Future
Whether you are managing one or multiple chargers, the Project EV Pro App allows you complete oversight of charging activity, with the ability to expand your fleet accross multiple charge points to accomodate a growing business.

Mapped Network
Intuitive UI with a map display allows you to see the exact charger location and effectively plan for the location of additional chargers.

Customisable Tariffs
You can customise your tariff to provide the best options for users. You can, for example, provide free charging to your staff, or offer additional savings to people charging outside peak times. You choose the price.

Review Real-Time Data and Analytics
Analyse your data and learn your customers charging patterns. Turn your data into profit by adjusting tariffs to suit the charging behaviours of your customers.

Dynamic Load Management
Keep all charging stations in use by distributing the power flow evenly across the fleet, in the event of insufficient power.



ANDROID APP ON Google play

Download on the App Store

PEV PRO

PROJECT EV

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Project EV, Lakes Court

Lancaster Park, Newborough Road

Burton on Trent, DE13 9PD



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*Information correct as of 08/21

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