



WEST LANCASHIRE GROUP

Electrical • Mechanical • ELV • Facilities Maintenance

Technical Submittal Cover Page

Project Name	Building 401 MAG
Project No	247
Tech Sub No.	TS-006
Date Issued	06 February 2023
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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	
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THE FUTURE OF EV CHARGING

A FULL RANGE OF AC & DC CHARGERS



FEATURES PACKED AS STANDARD...



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.



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/

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.

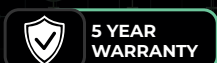
With a wide range of floor and wall-mounted AC and DC electric car chargers, our technology provides you with the high energy output you need to keep your EV charged and running well. Our range of electric vehicle charge points extends from 7.3kW AC up to 300kW DC charge points, providing solutions for 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.



7.3kW AC Range

PROJECT EV

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

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



NEW



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*

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

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



DUAL GUN
PRO EARTH

EVA-22D-SE-W



DUAL GUN
PRO EARTH

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



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



WELD NAME
WELD NAME
WELD NAME
WELD NAME
WELD NAME
WELD NAME



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



RFID Card



Project EV Pro App



DISCONTINUED PRODUCT Order Whilst Stocks Last

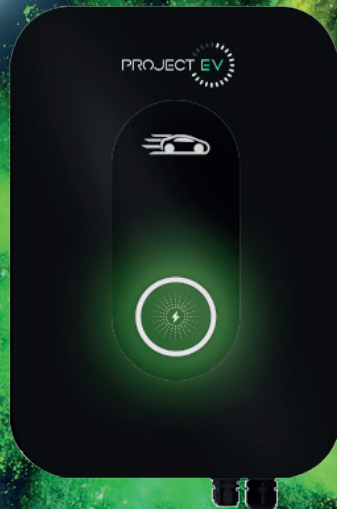
20kW DC Charger

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



CCS CONNECTOR



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

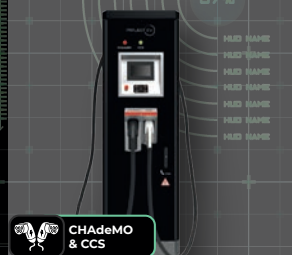
60kW DC Chargers



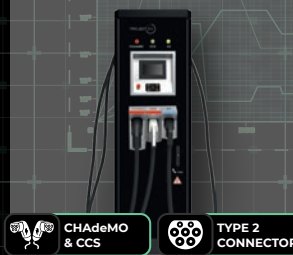
MULTI-GUN DC RAPID CHARGING



EVD-60D-CM



EVC-AC22S/DC60D



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



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



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.

NEW



5 YEAR WARRANTY



**PRO EARTH
NO SPIKE REQUIRED**

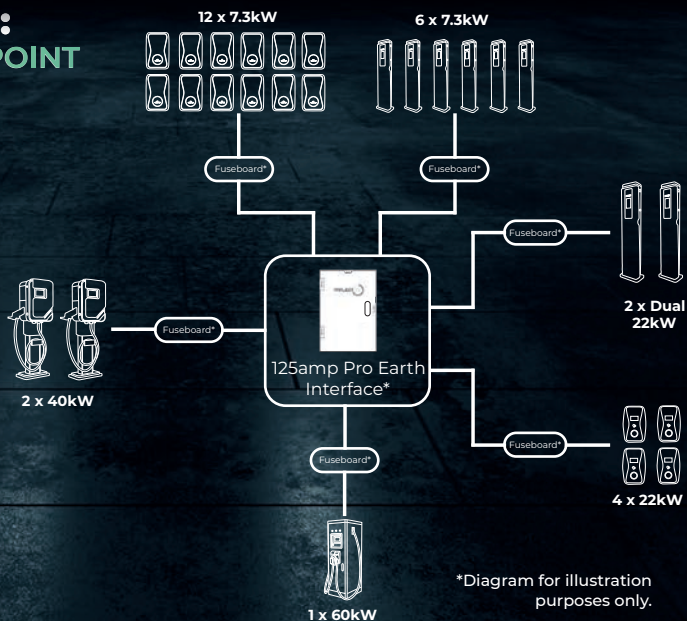


IP5X PROTECTION



**MULTIPLE
CHARGE CONNECTION**

HOW IT WORKS: MULTIPLE CHARGE POINT APPLICATIONS



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



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

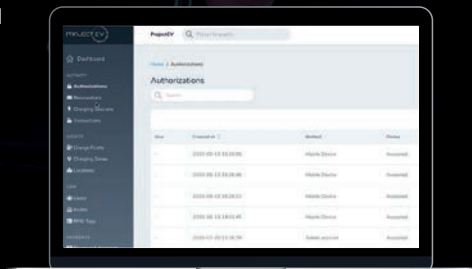


CONTROL EVERYTHING

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?

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



projectev.co.uk

*Information correct as of 11/21

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PROJECT EV

Free App Pro App

EV

PEV
PRO

View More Information Visit
www.projectev.co.uk



Project EV App



Project EV PRO App

Plug & Charge	✓	✓
RFID control (only with RFID chargers)	✓	✓
App control	✓	✓
Dynamic Load Balancing	✓	
Static Load Balancing for multiple 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*

FOLLOW US ON SOCIAL MEDIA

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



@projectevuk



@weareprojectev



@projectev



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



Load balancing feature



Securely authorise another person to use



State of charge



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



Download on the
App Store

ANDROID APP ON
Google play



Project EV Pro App

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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.



Revenue & expenses analysis:
daily, monthly, and yearly



Create RFID tags for charger
operation



Redeem voucher codes



Multiple, easy payment
methods



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 across multiple charge points to accommodate 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

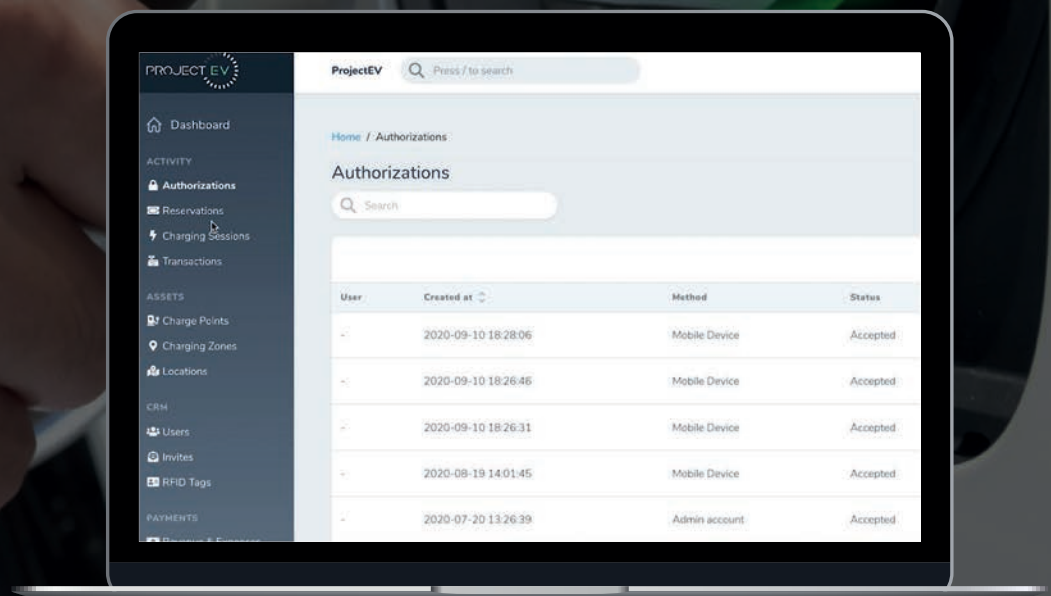
You can customise your tariff to provide the best options for users. You can, for example, provide free charging to your staff, or offer additional savings to people charging outside peak times. You choose the price.

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.





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