Apartment and Multi-Occupancy Charging Solution

End-to-end solutions

About Us

EVSE's journey began in 2014, where co-founders Sam Korkees and Brendan Wheeler discovered the impact of electric vehicles (EVs) on decarbonisation overseas. Since then, we have developed into a trusted provider of end-to-end solutions to business, government and residential clients across Australia and New Zealand.

Co-founders & CEOs:
Brendan Wheeler & Sam Korkees

EVSE and Sixt

EVSE and Timothee Resort Busselton, WA

2021
AFR Fast 100 #29

2022
AFR Fast 100 #24

2023
AFR Fast 100 #20

2022
Deloitte Tech Fast 50
Climate Award Winner

2022
Deloitte Tech Fast
50 #30

2023
FT High Growth Companies
Asia Pacific #75

2024
Australian Growth Company
Awards #1 New Energy

Our Mission

EVSE is dedicated to shaping the future of mobility in Australia and New Zealand by advocating clean, affordable, and convenient electric vehicle infrastructure. Our mission is centered around decarbonising the transportation landscape for homes and businesses.

At EVSE, we envision a future where sustainable transportation is not only a choice but a seamless and integral part of everyday life, and we strive to be at the forefront of this transformative journey.

Why your multi-occupancy building needs EV chargers

Elevate your property and meet the growing demand for sustainable living by installing EV chargers in your multi-occupancy building. With 70% of EV drivers charging at home, providing this convenience enhances the tenant experience and makes your property more desirable. Adding EV charging stations positions your building as an attractive, forward-thinking choice, boosting tenant satisfaction and increasing property value in a market increasingly prioritising eco-friendly solutions.

Join the shift towards a sustainable future by supporting the needs of today's and tomorrow's electric vehicle drivers.

Common Challenges and Solutions

As the industry leaders in end-to-end EV charging solutions, our team are experienced in solving the unique challenges faced by multi-occupancy developments.

We understand that providing EV charging in these settings requires tailored, scalable, and reliable solutions, which is why we've developed systems specifically designed to overcome the most common challenges including:

Limited Supply

Ocular Active Load Controller is used to actively manage EV charging loads.

Scalability

Installations are designed to be future-proof and scalable in order to support largescale EV adoption.

Monitoring and Billing

Easily managed reimbursement functionalities through Exploren's industry leading OCPP software.

High Capital Costs

Feasibility options provided to suit all budgets. All our solutions prioritise value and cost-effectiveness.

Why Choose EVSE

Many strata plans and multi-occupancy buildings lack scalable EV charging infrastructure, and choosing one-by-one installations is complex and inefficient. EVSE specialises in future-proof, scalable solutions designed to expand with growing demand, ensuring cost-effective, optimised infrastructure for property owners and tenants alike.

Education and Training

Apartments and multi-occupancy buildings require extensive assessment to ensure all compliance and safety needs are met in accordance to the relevant legislation and current government recommendations.

Our expert team has the knowledge and experience to provide deep insight on how installations address:

- National Construction Code (NCC)
- Fire Safety and ABCB recommendations
- AS/NZS 3000:2018 (Standard Australian Wiring Rules)

EVSE will simplify this process for you in 3 easy ways

Easy to Implement

Our expert team will design, install & maintain your entire EV charging solution for you and provide the installation proposal. We will assist and guide you along the journey of your EV charger implementation.

Easy to Manage

Our hardware and software solutions make load management, billing, and onboarding easy for everyone.

Easy for You

We offer a turnkey solution, handling the difficult analysis & providing information easily. Leave the hard work to our specified apartment team at EVSE.

Expert Consultation & Feasibility Assessment

To ensure your building's infrastructure is equipped to support EV charging, whether through communal shared chargers or a full-scale implementation - key evaluations include:

What's Involved?

- Thorough site inspection
- Project planning & management
- Detailed power & load logging analysis
- Engineer backed technical support

Electrical Capacity

Confirming the supply can accommodate the desired number of chargers.

Switchboard Compatibility

Verifying switchboards are capable of housing dedicated EV charging circuits.

Power Management

Ensuring safe and efficient management of power usage.

Reimbursement System

Setting up a platform for individual charging session tracking and reimbursement.

Comprehensive Charging Solutions

From residential to communal solutions

Individual Residential

Complete design package to simplify the implementation of a dedicated charger for each resident.

Shared/Communal

Flexible and cost-effective approach to ensuring charging needs are met for all building occupants.

Hardware Range

Ocular is a leading provider of EV charging hardware in Australia and New Zealand. Designed to meet and surpass Australian conditions, standards and regulations. Largest and most complete range of charging hardware in Australia and New Zealand. With Ocular, there is a solution for all EV charging needs.

Recommended Range

Ocular IQ Home (Residential)

The IQ Home is a super compact solution, perfect for any tenant apartment charging needs. It comes with a tethered charging cable as an all in one package for residential charging needs.

Ocular IQ Wallbox (Shared/Communal)

Our best selling charger for apartments and multi resident buildings. The IQ Wallbox is extremely versatile in application. Thanks to the a LCD screen providing instant driver feedback, this unit is very user friendly for all EV drivers.

Installation and Maintenance

EVSE installs in all areas across Australia and New Zealand with a network of 500+ experienced, certified installers.

REVENUE

Maximise revenue with consistent and reliable charging operations.

USER EXPERIENCE

Keep your tenants satisfied with a great & dependable charging experience.

RELIABILITY

Prevent issues and extend the life of your charging network

exploren

Industry Leading Software Management

Experience complete control over your charging network with Exploren's intuitive dashboard. Effortlessly manage usage and streamline reimbursements for each charger, ensuring accurate and hassle-free billing for every resident.

Exploren App

Simplifying EV charging with our user-friendly app for all drivers

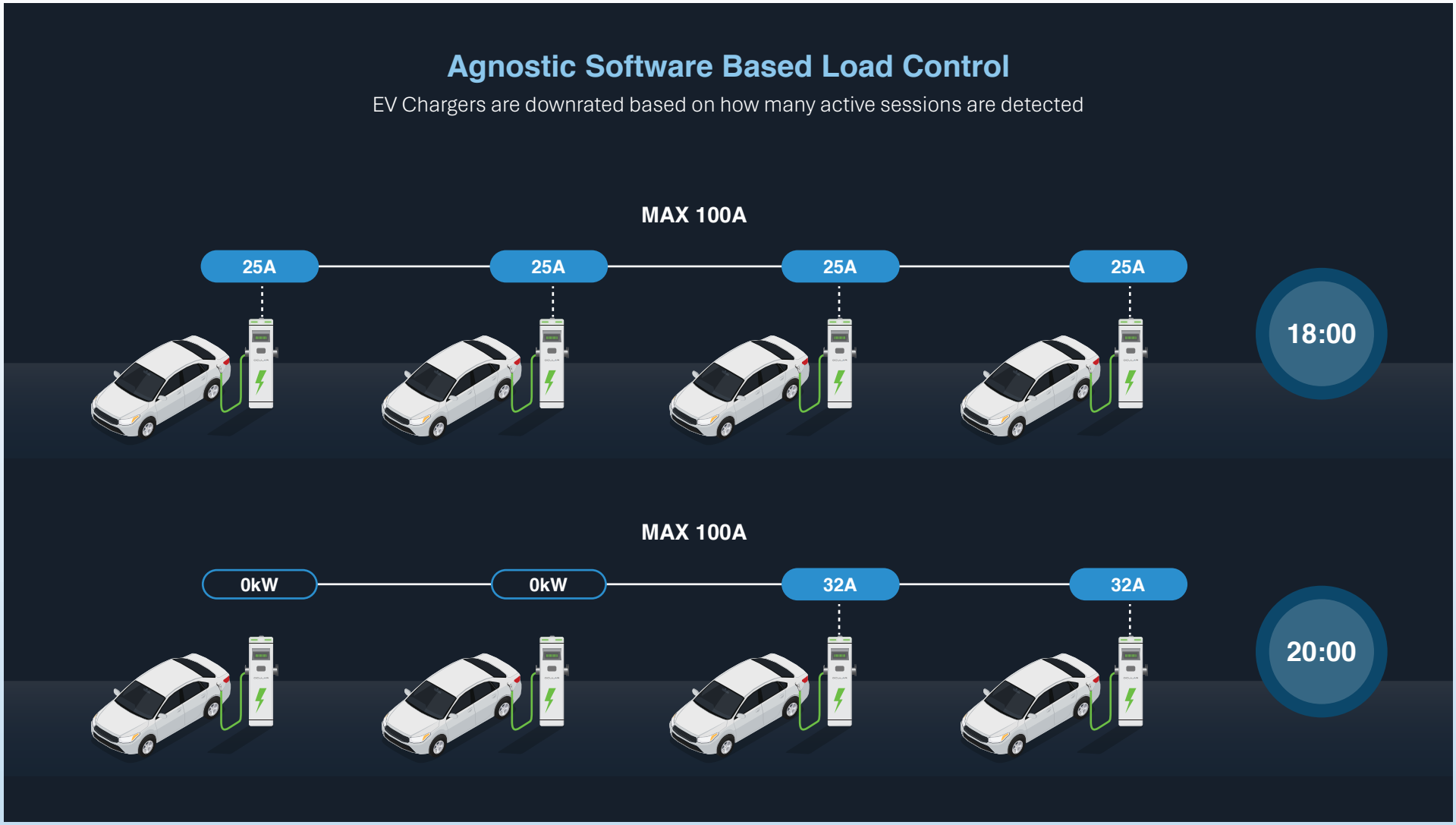
Find the charging station on the Exploren App, then plug in your car

Scan the QR Code at the station or tap your RFID card

Start charging & monitor the session in real time via the Exploren app

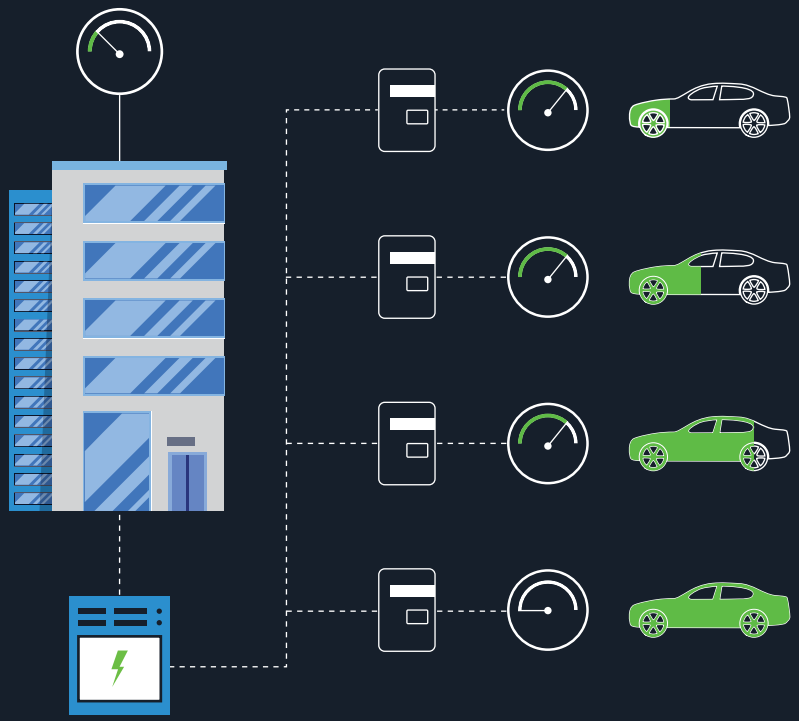
Comprehensive Load Management Options

As leaders in agnostic load management across top hardware brands, EVSE ensures scalable solutions tailored for growth. With extensive expertise in site capacity and load control, our team assesses every detail, giving you the confidence to implement a reliable and safe EV charging infrastructure.

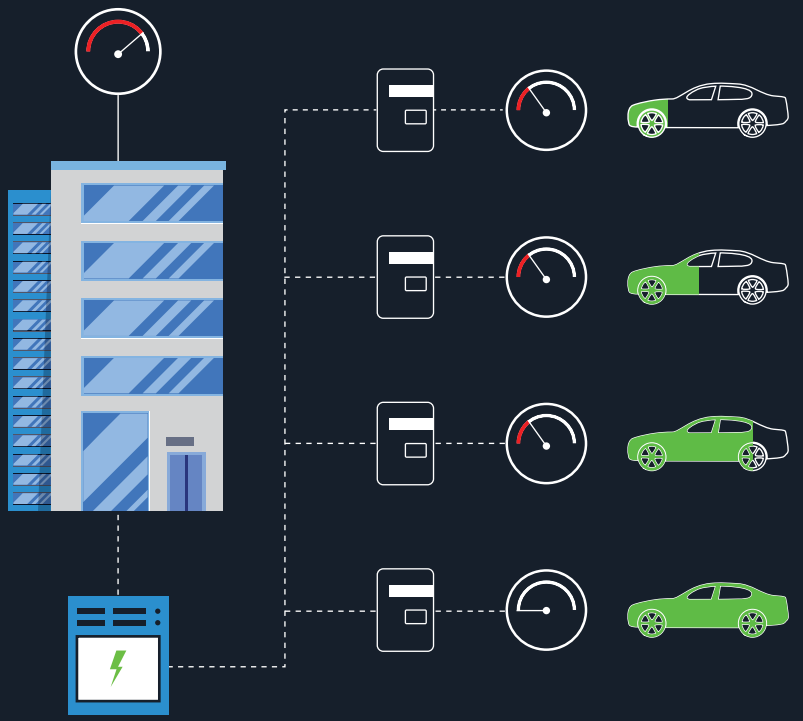


Active Load Control

Building electricity consumption is low.
EV Chargers will have increased charging speeds.



Building electricity consumption is high.
EV chargers are slowed to prevent overload.



How to get started

Contact our specialist team by phone or website

Assessment of building and requirements

Tailored design and solution

apartment@evse.com.au | 1300 406 210

Frequently Asked Questions

HOW DO THE INCREASING SALES OF ELECTRIC VEHICLES IN AUSTRALIA AND GOVERNMENT TARGETS FOR EV ADOPTION INFLUENCE THE DEMAND FOR CHARGING INFRASTRUCTURE IN STRATA BUILDINGS?

Just as ICE vehicles are adequately supported by petrol stations, mass EV adoptions necessitates the need for reliable charging infrastructure that can be accessed at all times. Accessibility for easy charging is advantageous for EV owners as charging stations can be installed at any parking spot, providing a clear motivation for EV charging infrastructure in multi-occupancy residences. New buildings are currently complied to provide charging infrastructure, as this is a recognised priority mandated by the National Construction Code.

HOW DO EV CHARGING STATIONS AFFECT THE OVERALL ELECTRICAL LOAD OF A BUILDING, AND WHAT CONSIDERATIONS MUST BE TAKEN INTO ACCOUNT WHEN ASSESSING A STRATA BUILDING'S MAIN POWER BOARD AND CAPACITY?

EV charging stations can place a significant load on the building, moreso than other electrical appliances. Many existing buildings were not designed to support EV charging loads, therefore considerations to assess may include:

- Maximising capacity via active load control
- Infrastructure upgrades
- Determining suitable points of connection

WHO IS TYPICALLY RESPONSIBLE FOR COVERING THE COSTS OF INFRASTRUCTURE INSTALLATION FOR EV CHARGERS IN STRATA BUILDINGS? HOW CAN THIS BE FUNDED?

This depends on what kind of chargers are required by client.

- Owners Corporation can provide for shared EV charging bays and infrastructure upgrades, works that impact common areas of the complex
- Individual Owners are tasked with installing their own EV chargers and funding the necessary works to connect to provisioned EV charging infrastructure
- External Stakeholders will usually fund and operate the station as their own asset, such as an embedded network

WHAT LEGAL ISSUES AND COMPLIANCE REQUIREMENTS NEED TO BE ADDRESSED WHEN PLANNING AND INSTALLING EV CHARGING INFRASTRUCTURE IN MULTI-OCCUPANCY BUILDINGS?

New build implementations will mandate specific requirements, depending on what class the building is classified under. There are NCC guidelines in place to ensure buildings receive DA (development application) approval. Insurances and accredited contractor details are to be provided when implementing infrastructure to support documentation on the client's end and ensure both installation and workers are covered during construction.

WHAT SPECIFIC FIRE SAFETY CONSIDERATIONS AND REGULATIONS SHOULD BE TAKEN INTO ACCOUNT WHEN INSTALLING EV CHARGING STATIONS IN STRATA ENVIRONMENTS?

EVSE will work clients and provide a consultation on the recommended options outlined by the Australian Building Codes Board (ABCB). Fire engineers can also be consulted to certify charging designs and provide recommendations based on unique site conditions.

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