



evesco
ELECTRIC VEHICLE ENERGY STORAGE COMPANY

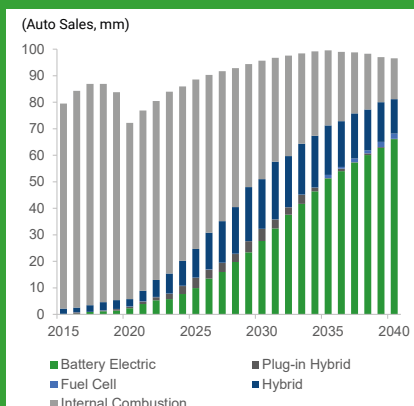
 **SPB**
Sealed Performance Batteries
Exclusive Distribution Partner

**Faster charging
anywhere.**

EVs are coming and they are here to stay...

Electric vehicles (EVs) are coming, and they are coming fast. The accelerated adoption of EVs is the result of government incentives, increase availability of private and public funding for EV adoption and a cultural shift towards greener and cleaner vehicles helping to reduce emissions.

EV adoption rates



EV charger demand



EVs create a huge opportunity to businesses...

More EVs means more charging infrastructure is needed, and with this comes opportunity for businesses. There are three main reasons for introducing EV charging that most businesses can't ignore.

1. It's a new way to attract and retain customers
2. It can generate new revenue streams
3. It shows you are a leading business focused on green initiatives and sustainability - an essential part of today's Corporate Social Responsibility

THE CHALLENGE

GRID POWER



UP-FRONT COSTS



ENERGY COSTS



What is holding back businesses from introducing EV charging?

Many businesses are restricted by the amount of grid power they can use, making it nearly impossible to have the EV charging stations needed on site. With more and more EVs featuring increased range with larger battery capacity and faster charging rates, more power than ever is needed to charge them.

High up-front costs to upgrade the grid infrastructure to provide the power needed to enable EV charging makes it unfeasible for many businesses.

Unpredictable energy costs with time of use schedules, rising on-peak charges and extremely high cost demand charges.

To introduce EV charging businesses need a solution that:



Highly differentiated technology that removes the barriers to EV charging



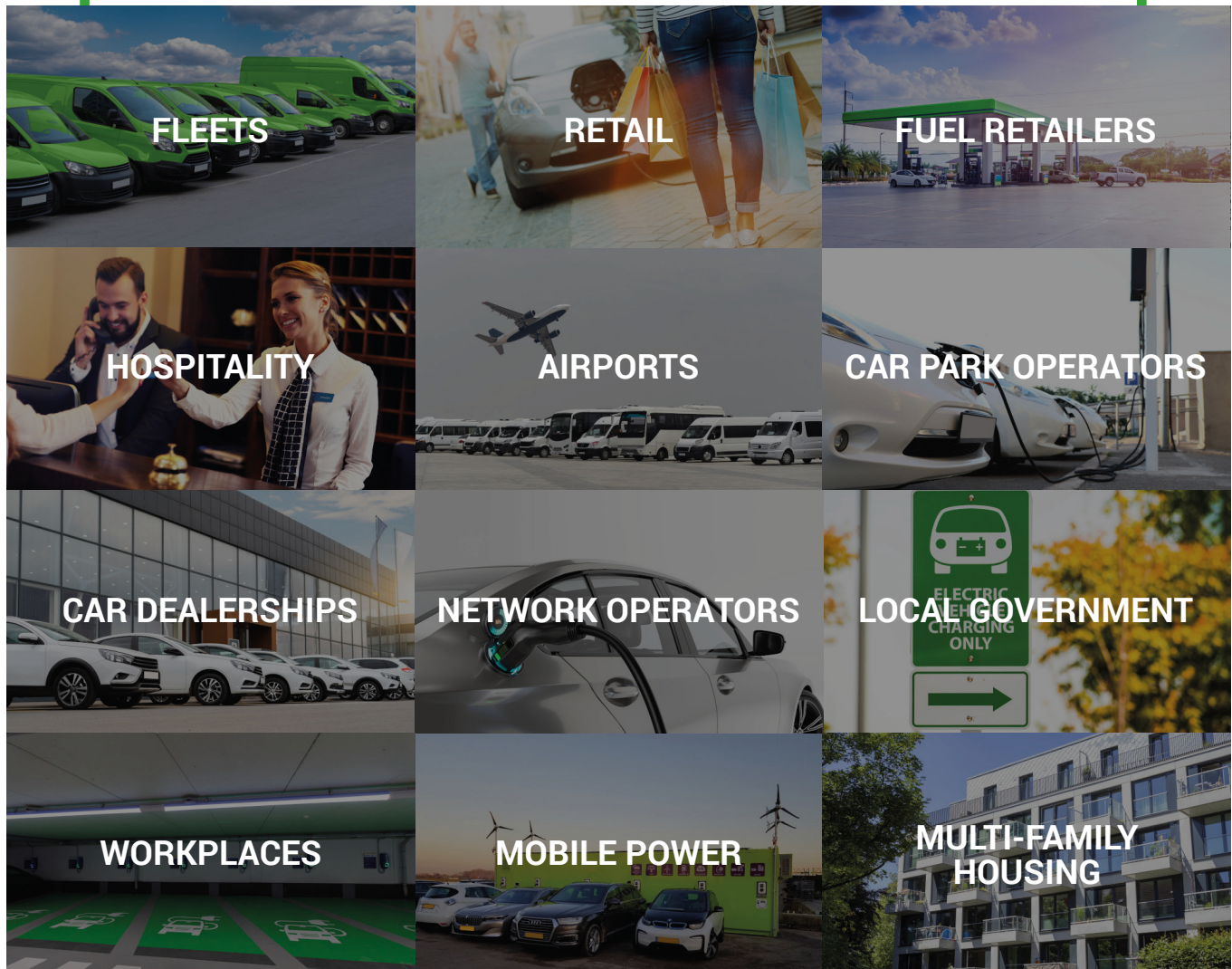
Addresses the issues of limited grid power



Optimizes energy usage to reduce costs and maximise revenue



Provides flexible business models



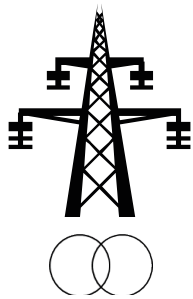
EV CHARGING FOR YOUR BUSINESS

EVESCO has deep expertise in the EV charging infrastructure industry, we leverage this experience to bring you the most reliable and suitable charging solutions to keep your business on track to meet your objectives.

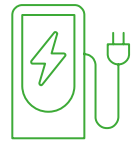
Whatever your objectives, our team of experts will take the time to fully understand your business, challenges and opportunities.

HOW EXISTING EV CHARGERS WORK

EV chargers take their power directly from the electric grid



ELECTRIC GRID



EV CHARGER



Limited to the number and type of chargers you can deploy based on electric grid availability



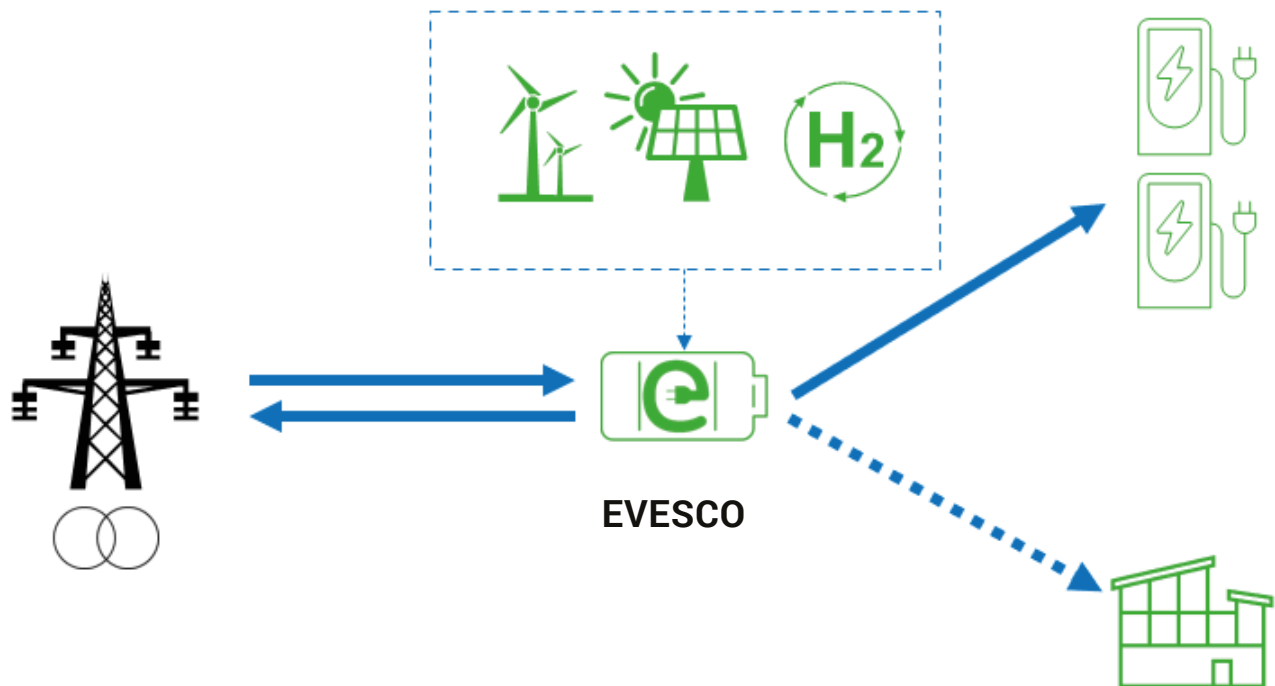
Subject to high demand charges and time of use restrictions during peak time



In a power outage the EV chargers won't work

HOW EVESCO WORKS

EVESCO takes power from the grid and/or other power generation sources, stores it in an intelligent battery system ready to be discharged to the EV chargers when needed



Delivers fast and ultra fast charging at locations with limited grid power



Reduces energy costs and maximises revenue through optimized energy management



EV chargers will work during time of use restrictions and power outages

EVESCO can optimize energy at your business and provide backup power if needed.

INNOVATIVE ENERGY STORAGE



EVESCO reduces installation costs by avoiding expensive grid upgrades, and can reduce operating costs by ~70% with intelligent energy cost management and reductions in demand charges

EVESCO innovative energy storage solutions address the issues with lack of grid power and increasing power demands from EV charging.

EVESCO enables fast and ultra fast charging without expensive upgrades or additional stress on the electric grid. When combined with EV charging stations our energy storage system can increase power output from the grid and significantly lower the energy costs from charging.

- All-in-one energy storage system complete with battery, power conversion system, HVAC, fire suppression and intelligent controller
- Modular and scalable design
- Engineered to enable and enhance EV charging infrastructure
- Maximum safety utilising the safest type of lithium battery chemistry (LiFePO₄) combined with an advance 3-level battery management system
- Outstanding performance and long lifespan
- Optimized for both on-grid and off-grid applications
- Full turnkey solution with quick installation

The EVESCO team has deep industry experience and will work with you to assess your businesses power and charging needs for today and tomorrow.

	ES-05	ES-10	ES-20	ES-40
Rated power	50 kW	100 kW	Up to 630 kW	Up to 1000 kW
Energy capacity	64, 128 & 192 kWH	128, 192, 256 & 384 kWH	Up to 1100 kWH	Up to 2200 kWH
EV chargers supported	AC & DC chargers up to 50 kW	AC & DC chargers up to 100 kW	AC & DC chargers up to 350+ kW	AC & DC chargers up to 350+ kW
Dimensions (w x d x h)	2250 x 1300 x 2591 mm	2991 x 2438 x 2591 mm	6058 x 2438 x 2591 mm	12192 x 2438 x 2896 mm

- Systems can be paralleled for scalability of power and capacity
- Standardized sizes with flexible power and capacity configurations
- Can work with any brand of EV chargers
- High voltage configurations can enable ultra fast charging for larger electric vehicles



RELIABLE DC FAST CHARGERS



EVESCO energy storage solutions can work with any brand and any type of EV charger on the market today. Even though it can work with any brand, EVESCO offers a full range of high quality EV chargers.

EVESCO DC fast chargers are available in 50 kW to 350+ kW output and utilize the latest in fast charging technology.

	EVDC-50	EVDC-60	EVDC-100	EVDC-120	EVDC-150
Output power	50 kW	60 kW (can charge 2 cars at 30 kW)	100 kW	120 kW (can charge 2 cars at 60 kW)	150 kW
Output voltage	200 - 1000 V				
Input	480 VAC / 400 VAC				
Connectors	CHAdeMO / CCS (1 or 2)				
Billing type	Automatic, RFID, QR code, POS				
Network	Ethernet, 4G, WiFi				
Communication	OCPP1.6J / OCPP2.0.1				

EVESCO can offer 250 kW and 350+ kW DC chargers for higher charge rate applications.

Please contact us for more details.

SHARE CUSTOMISED CONTENT

- Share latest promotions or special offers
- Display upcoming show times and events
- Relay important messages to the community
- Help customers locate points of interest
- Increase brand awareness
- Generate additional revenue through advertising



	EVDC-50S	EVDC-60S	EVDC-100S	EVDC-120S	EVDC-150S
Output power	50 kW	60 kW (or 2 cars at 30 kW each)	100 kW	120 kW (or 2 cars at 60 kW each)	150 kW
Output voltage	200 - 1000 V				
Input	480 VAC / 400 VAC				
EV connectors	CHAdeMO / CCS (1 or 2)				
Billing type	Automatic, RFID, QR code, POS				
Network	Ethernet, 4G, WiFi				
Communication	OCPP1.6J / OCPP2.0.1				
Media screen	55 inch media screen				

AC CHARGERS

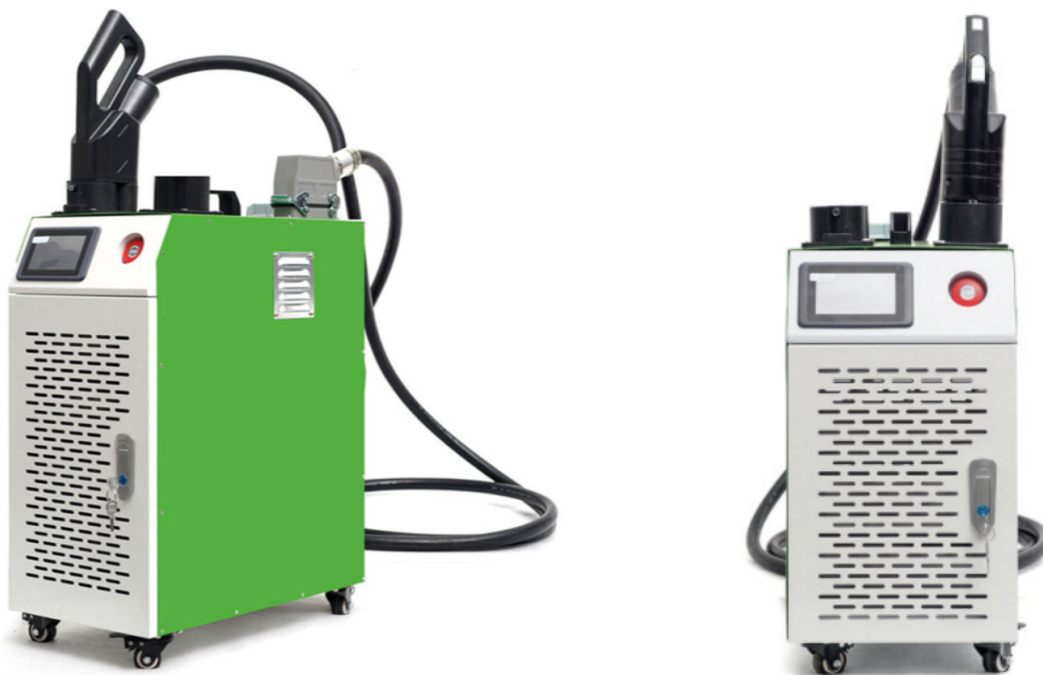
EVESCO can provide a full range of level 2 AC chargers, ranging from 7 kW to 22 kW, for slower charging applications. These chargers are ideal for workplaces and longer stay locations such as hotels. Available wall-mounted or floor-mounted with a pedestal.



	EVAC-7	EVAC-22
Output Power	7 kW	22 kW
Output Current	32A (single phase)	32A
Input Voltage	230 VAC	400 VAC (three phase)
Connectors	Type 2	Type 2
Billing type	RFID	RFID
Network	LAN, 3G/4G, WiFi	LAN, 3G/4G, WiFi
Communication	OCPP1.6 JSON/SOAP	OCPP1.6 JSON/SOAP

PORTABLE DC CHARGERS

Take the charger to the car with EVESCO portable DC chargers. With output power between 7 kW and 60 kW these mobile chargers can deliver a fast charge without the need to move the EVs.



EVESCO portable DC chargers are available with or without integrated battery packs. When combined with an integrated battery pack the charger is completely off-grid and can be used anywhere.

evesco

ELECTRIC VEHICLE ENERGY STORAGE COMPANY



The EVESCO mission is to accelerate the mass adoption of electric vehicles by delivering sustainable fast-charging solutions, which can be deployed anywhere. Our innovative energy storage is enabling customers worldwide to build faster, more reliable, and future-proof EV charging networks, including in locations with little or no electric grid availability.



Learn how SPB and EVESCO can help your business deploy scalable, fast electric vehicle charging solutions that free you from the constraints of the electric grid.

CONTACT US TODAY
sales@spb.net.au

Exclusive Distribution Partner



Sealed Performance Batteries

SPB National Head Office: 1 Ant Road, Yatala, Brisbane, QLD 4207, Australia

SPB Melbourne Office: 3/35 Dunlop Road, Mulgrave, VIC, 3170, Australia

SPB Sydney Office: 1/1 Forge Street, Blacktown, NSW, 2148, Australia

T 1300 001 772 **E** info@spb.net.au **W** spb.net.au