

Faster charging anywhere.

ELECTRIC VEHICLE ENERGY STORAGE COMPANY

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.







EVs create a huge opportunity for 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
- It's 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 business locations 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 every business needs a solution that:

- Delivers the power needed without costly upgrades to the electric grid
- Can be scaled as EV numbers grow
- Increases revenue through attracting new customers and potentially EV charging to the public
- Reduces the cost of energy used for EV charging
- Enhances the customer experience
- Helps meet sustainability goals
- Is future proof



THE SOLUTION

Highly differentiated technology that removes the barriers to EV charging



Addresses the issues of limited grid power



Optimizes energy usage to reduce costs and maximize revenue



Provides flexible business models



BUSINESS

Unlock the full potential of your business with EVESCO's innovative and reliable EV charging solutions. With our deep expertise in the EV charging infrastructure industry, we can deliver the best options to keep your business on track and achieve your goals.

Let our team of experts take a closer look at your EV charging requirements, the challenges and opportunities, and work with you to design a solution that meets your specific needs.

HOW EXISTING EV **CHARGERS WORK**

EV chargers take their power directly from the electric grid



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



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



management

outages

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 utilizing 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 experts at EVESCO have a wealth of industry knowledge and will work with you to evaluate the current and future power and charging requirements for your business.

	ES-05	ES-10	ES-20	ES-40
Rated Power	60 & 90 kW	60 & 90 kW	Up to 1200 kW	Up to 1200 kW
Energy Capacity	128 kWh	192, 256, 320 & 384 kWh	Up to 3440 kWh	Up to 4476 kWh
EV Chargers Supported	AC & DC chargers up to 60 kW	AC & DC chargers up to 90 kW	AC & DC chargers up to 360+ kW	AC & DC chargers up to 360+ kW
Dimensions (w x d x h)	2250 x 1300 x 2591 mm / 88.6 x 51.2 x 102 Inches	2991 x 2438 x 2591 mm / 117.8 x 96 x 102 Inches	6058 x 2438 x 2591 mm / 238.5 x 96 x102 inches	12192 x 2438 x 2896 mm / 480 x 96 x114 inches



- UL9540 listed and tested to UL9540a for thermal runaway
- 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 is a flexible solution for your energy storage system needs, working seamlessly with any brand and type of EV charger available in the market. But we don't just settle for compatibility; we also offer a complete range of high-quality EV chargers.

Our DC fast chargers are engineered to provide a safe and efficient charging experience, with outputs ranging from 60 kW to 360 kW and utilizing the latest fast charging technology. At EVESCO, we prioritize quality and safety, building our DC fast charging stations to the highest standards.

Let our team of experts guide you every step of the way, whether you're looking to establish a fast-charging network or add a convenient EV charging station to your business. We're here to help you meet your goals and provide a reliable charging experience for your customers.

	EVDC-60	EVDC-90	EVDC-120
Output Power	60 kW (can charge two cars simultaneously at 30 kW each)	90 kW (can charge two cars simultaneously one at 30 kW and one at 60 kW)	120 kW (can charge two cars simultaneously at 60 kW each)
Output Voltage	300 - 1000 V	300 - 1000 V	300 - 1000 V
Input	480 VAC / 400 (+/- 10%)VAC	480 VAC / 400 (+/- 10%)VAC	480 VAC / 400 (+/- 10%)VAC
EV Connectors	Dual charging cables CCS1, CCS2, NACS & CHAdeMO available	Dual charging cables CCS1, CCS2, NACS & CHAdeMO available	Dual charging cables CCS1, CCS2, NACS & CHAdeMO available
Start Modes	Automatic, RFID, OCPP or POS	Automatic, RFID, OCPP or POS	Automatic, RFID, OCPP or POS
Network Connection	Ethernet, 4G, WiFi	Ethernet, 4G, WiFi	Ethernet, 4G, WiFi
Communication	OCPP1.6J	OCPP1.6J	OCPP1.6J
ISO 15118 (Plug&Charge)	YES	YES	YES

60 KW TO 360 KW DC FAST CHARGING

			evescé 360kW 360kW 2 360kW 360kW 360kW
EVDC-150	EVDC-180	EVDC-360X	EVDC-360
150 kW (can charge two cars simultaneously one at 60 kW and one at 90 kW)	180 kW (can charge two cars simultaneously at 90 kW each)	180 kW + 180 kW (Two independant 180 kW charging cables)	360 kW (can charge two cars simultaneously at 180 kW each)
300 - 1000 V	300 - 1000 V	300 - 1000 V	300 - 1000 V
480 VAC / 400 (+/- 10%)VAC	480 VAC / 400 (+/- 10%)VAC	480 VAC / 400 (+/- 10%)VAC	480 VAC / 400 (+/- 10%)VAC
Dual charging cables CCS1, CCS2, NACS & CHAdeMO available	Dual charging cables CCS1, CCS2, NACS & CHAdeMO available	Dual charging cables CCS1, CCS2, NACS & CHAdeMO available	Dual charging cables CCS1, CCS2, NACS & CHAdeMO available
Automatic, RFID, OCPP or POS	Automatic, RFID, OCPP or POS	Automatic, RFID, OCPP or POS	Automatic, RFID, OCPP or POS
Ethernet, 4G, WiFi	Ethernet, 4G, WiFi	Ethernet, 4G, WiFi	Ethernet, 4G, WiFi
OCPP1.6J	OCPP1.6J	OCPP1.6J	OCPP1.6J
YES	YES	YES	YES

PORTABLE DC CHARGERS

Bring the charger to the vehicle with EVESCO's portable EV charging stations. A mobile alternative to stationary DC fast chargers, delivering DC fast charging to any DC-compatible electric vehicle on the market via CHAdeMO, CCS (Combined Charging System), NACS or GB/T.

A genuinely portable EV charging solution with low weight and compact design that can be deployed quickly and efficiently to meet growing charging demand without installing additional fixed charging equipment.



- Hot-swappable charging cables for flexible multi-protocol charging
- Can transform any three-phase outlet into a DC fast charging station
- · Start charging instantly with immediate deployment
- High-performance charging available in 30 kW or 60 kW
- 150 VDC 1000 VDC output voltage range



FLEXIBLE PORTABLE FAST CHARGING





Ideal for various applications including service stations, automotive dealerships, fleet operators, testing centres and much more.

DC MEDIA CHARGERS

- 55-inch integrated media screen
- Innovative content management platform
- · Share the 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 selling advertising





	EVDC-60S	EVDC-120S
Output Power	60 kW (can charge 2 cars at 30 kW each)	120 kW (can charge 2 cars at 60 kW each)
Output Voltage	300 - 1000 V	300 - 1000 V
Input	480 VAC / 400 (+/- 10%) VAC	480 VAC / 400 (+/- 10%) VAC
EV Connectors	Dual charging cables CCS1, CCS2, NACS & CHAdeMO available	Dual charging cables CCS1, CCS2, NACS & CHAdeMO available
Startup Modes	Automatic, RFID, OCPP or POS	Automatic, RFID, OCPP or POS
Network Connection	Ethernet, 4G, WiFi	Ethernet, 4G, WiFi
Communication	OCPP1.6J	OCPP1.6J
ISO 15118 (Plug&Charge)	YES	YES



	EVAC-3S- NA (indoor)	EVAC-9S- NA (indoor)	EVAC-9S- NA (outdoor)	EVAC-3S- EU (indoor)	EVAC-22S- EU (indoor)	EVAC-22S- EU (outdoor)
Output Power	3.5 kW (16A)	9.6 kW (40A)	9.6 kW (40A)	3.7 kW (16A)	22 kW (40A)	22 kW (40A)
Input	208 / 240 VAC (single- phase)	208 / 240 VAC (single- phase)	208 / 240 VAC (single- phase)	230 VAC (single- phase)	400 VAC (three- phase)	400 VAC (three- phase)
EV Connectors	Dual Type 1 charging cables	Dual Type 1 charging cables	Dual Type 1 charging cables	Dual Type 2 charging cables	Dual Type 2 charging cables	Dual Type 2 charging cables
Startup Modes	Automatic	Automatic, RFID, OCPP or POS	Automatic, RFID, OCPP or POS	Automatic	Automatic, RFID, OCPP or POS	Automatic, RFID, OCPP or POS
Network Connection	N/A	Ethernet, 4G, WiFi	Ethernet, 4G, WiFi	N/A	Ethernet, 4G, WiFi	Ethernet, 4G, WiFi
Communication	N/A	OCPP1.6J	OCPP1.6J	N/A	OCPP1.6J	OCPP1.6J
Installtion Location	Indoor only	Indoor only	Outdoor IP55 (IP66 version available)	Indoor only	Indoor only	Outdoor IP55 (IP66 version available)

INTELLIGENT AC CHARGERS

EVESCO provide a full range of commercial grade Level 2 AC chargers, ranging from 7 kW to 22 kW. These chargers are ideal for workplaces and longer stay locations such as hotels and multi-family dwellings. Available either wall-mounted or floormounted with a pedestal.





	EVAC-7i-NA	EVAC-9i-NA	EVAC-19i-NA	EVAC-7i-EU	EVAC-22i-EU
Output Power	7.68 kW (32A)	9.6 kW (40A)	19.2 kW (80A)	7.6 kW (32A)	22 kW (80A)
Input	208 / 240 VAC	208 / 240 VAC	208 / 240 VAC	230 VAC	400 VAC
	(single-phase)	(single-phase)	(split-phase)	(single-phase)	(three-phase)
EV Connectors	Type 1 charging cable	Type 1 charging cable	Type 1 charging cable	Type 2 charging cable or socket	Type 2 charging cable or socket
Startup Modes	Automatic,	Automatic,	Automatic,	Automatic,	Automatic,
	RFID or OCPP	RFID or OCPP	RFID or OCPP	RFID or OCPP	RFID or OCPP
Network	Ethernet, 4G,	Ethernet, 4G,	Ethernet, 4G,	Ethernet, 4G,	Ethernet, 4G,
Connection	WiFi	WiFi	WiFi	WiFi	WiFi
Communication	OCPP1.6J	OCPP1.6J	OCPP1.6J	OCPP1.6J	OCPP1.6J
Mounting	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted	Wall-mounted
	or floor-	or floor-	or floor-	or floor-	or floor-
	mounted with	mounted with	mounted with	mounted with	mounted with
	a pedestal	a pedestal	a pedestal	a pedestal	a pedestal



For some businesses, permanent EV charging stations are not an option due to either physical or operational limitations. EVESCO has addressed this issue and developed mobile off-grid charging solutions that are customizable to meet your specific charging needs.

Available in a various sizes and configurations, they deliver the power needed to implement mobile, temporary or semi-permanent EV charging anywhere.



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

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