

Have you Considered Electric Vehicle (EV) Chargers for your Business?



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The UK Government's 2030 deadline for the ban on the sale of new diesel and petrol vehicles is fast approaching. In 2021, new EV car registrations took a 45.5% share of the market, and 2022 to date has seen that figure rise to 52.3%.¹

What benefits can EV chargers bring to businesses?

Increased Footfall

- Businesses who installed EV charging stations saw a 50%² increase in dwell time as drivers charge their electric vehicles.
- 68%³ of people who intend to own an EV will visit businesses more frequently if they provide EV charging facilities.
- 48%⁴ of current EV owners are already charging their vehicles at public & privately owned car parks.

Additional Income Stream

- Installing EV chargers on site can generate an income stream of £10,000+ per annum as EV drivers pay to use your EV chargers.

Promote your Business

- Promotion on EV maps, such as Zap Map & Google, that EV drivers can use to travel to sites with EV chargers available.

Promote Your Green Initiatives

- Installing EV chargers promotes your business and your stance in relation to the adoption of green initiatives.

What operational EV charging models can Veny EV offer to your business?

Option 1

*Installer Owner
Charger Model*

- Zero up front installation cost to the client
- Installer has full control over equipment and customer experience
- Installer has full control over tariffs charged to customers
- Installer retains full revenue income with 15% back to client

Option 2

*Hybrid Finance
Model*

- Charger funding shared between client and installer
- Revenue income shared between client and installer

Option 3

*Client Owned
Charger Model*

- Client pays for full install
- Client has full control over equipment and customer experience
- Client has full control over tariffs charged to customers
- Client retains full revenue income (minus costs)

¹ From the Society of Motoring Manufacturers and Traders (SMMT) New Car Sales Figures 2021/22.

² Savills retailer report on EV Charger dwell time.

³ CACI Retail Study Report – February 2022

⁴ CACI Retail Study Report – February 2022

How much does it cost to charge an EV?

	Premises	Location	Charger Type	Elect Cost to Charger Owner for 1 hr (£0.27 per hr)*	Elect Cost to Customer for Charge for 1 hr (£0.49 per hr)*	Revenue to Charger Owner per hr**	Typical Mileage added per hr of Charge
Example 1	Hotel / Pub	Car Park	7kW AC	£1.89	£3.43	£1.54	25 miles
Example 2	Hotel / Pub	Car Park	22kW AC (2 x 11kW)	£5.50	£11.00	£5.50	63 miles

* Based on 27p per kWh. Charging costs will vary with the size of the charger, duration of charge and wholesale electricity costs.

** A small amount of admin fees for back office running costs will apply.

Typical Revenue Examples

Charger models	Charger Details				Typical Usage Costs										Option 1		Option 2			
	Electrical Circuit Amps Required	Approx Range added to EV Battery in one Hour (miles)	Charger Mount	Dimensions (W x H x D)	Offices	Hotels	Pub & Restaurants	Garden Centres	Off Street Parking	Daily Usage Hours	Average Elect Costs per kWh 2022	Total Daily Elect per kWh Costs	Typical EV kWh Charging Costs	Total Daily EV Charging Cost Revenue	Actual Daily Revenue per Charger	Yearly Revenue per Charger	EV Charger Zero Up Front Cost to Site Owner	Typical Retained Yearly Profit at 15% of Income to Site Owner*	Typical EV Charger Costs (per Unit) Paid Up Front by Site Owner	Typical 2 Year Retained Profit to Site Owner
7kW AC Commercial	32	25	Pedestal	375 x 1440 x 260mm	✓	✓			✓	5	£0.27	£9.45	£0.49	£17.15	£7.70	£2,810.50	£0.00	£468.15	£2,500.00	£3,121.00
22kW AC (2 x 11kW)	63	37	Pedestal	375 x 1440 x 260mm	✓	✓	✓	✓		5	£0.27	£29.70	£0.49	£53.90	£24.20	£8,833.00	£0.00	£2,049.90	£4,000.00	£13,666.00
25kW DC	63	80	Pedestal	680 x 1425 x 355 mm	✓	✓	✓	✓		5	£0.27	£33.75	£0.49	£61.25	£27.50	£10,037.50	£0.00	£1,211.25	£12,000.00	£8,075.00
50kW DC	100	173	Tower	852 x 2079 x 840 mm		✓	✓	✓	✓	5	£0.27	£67.50	£0.49	£122.50	£55.00	£20,075.00	£0.00	£2,122.50	£26,000.00	£14,150.00

* Excludes electricity connection costs. Revenues based on 15% share to landlord on zero capital cost.

What are the power requirements for an EV charger?

The type and number of chargers that can be installed will depend on the electrical capacity of the site and the majority of commercial businesses run on a 3-phase power system.

We can look at your spare electrical capacity and, considering locations, expectations etc discuss what the best type/mix of chargers will be for your business.

Would 7 x 7kW chargers be a more favourable option than 1 x 50kW charger for example?

Examples of Typical EV Charging Points installed by Veny EV

