




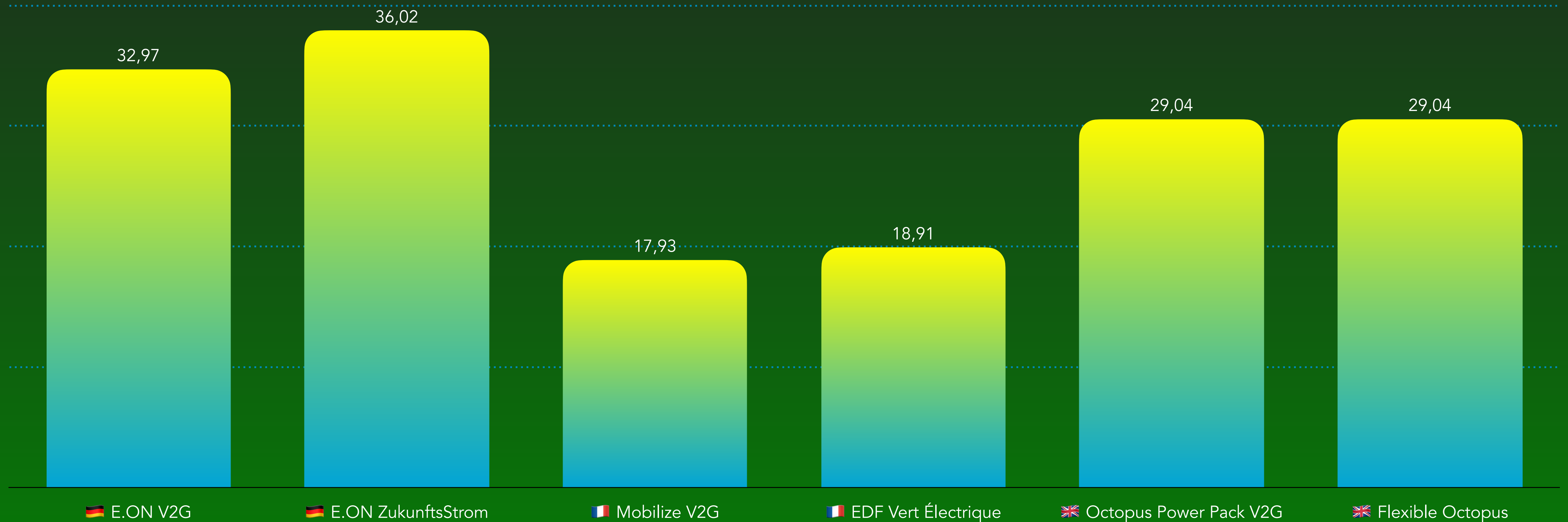
What are the main terms and conditions of V2G energy contracts?

	Are there any time requirements for being plugged in?	What mileage could a typical user charge and drive 'for free' according to the supplier's communication?	Who controls the charging process?	Can I power my home during an outage?
 BMW / E.ON	A reward of €0.24 for every hour plugged in, up to a maximum of 250 hours per month.	14,000 kilometres	User sets departure time and % preferences (or opts for immediate charging), supplier manages charging & discharging	no
 Mobilize	A reward of €0.06 for every hour plugged in, no maximum.	10,880 kilometres	User sets departure time and % preferences (or opts for immediate charging), supplier manages charging & discharging	no
 Octopus	Minimum of 240 hours per month. The car must be plugged in at least 20 times a month for 12 hours or more. Maximum of 210 kWh of EV charging per month.	12,000 kilometres (but different leasing packages available)	User sets departure time and % preferences (or opts for immediate charging), supplier manages charging & discharging	no

Comparing main conditions for the three V2G energy contracts

(source: product websites of E.ON / Mobilize / Octopus, as of September 2025)

What is the price per kWh for other household consumption and how does that compare to other contracts?



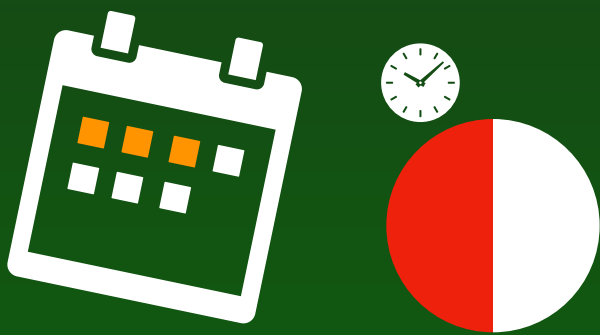
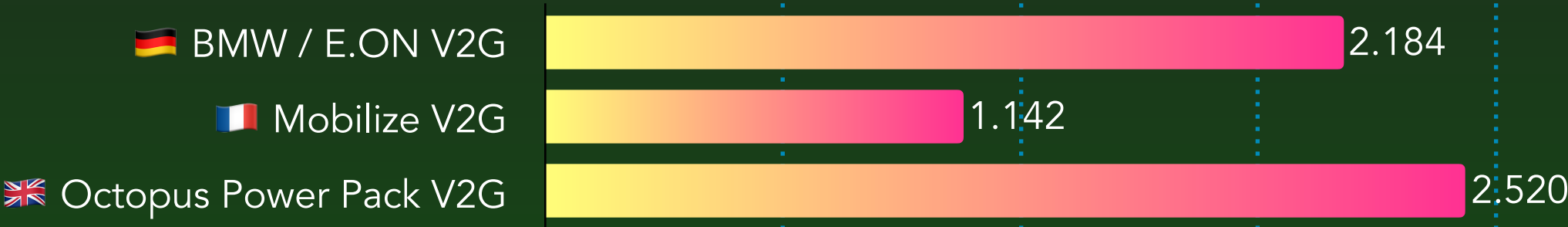
Retail price per kWh in eurocents, with standing charges not included.

(source: product websites of E.ON / Mobilize / EDF / Octopus, as of September 2025)

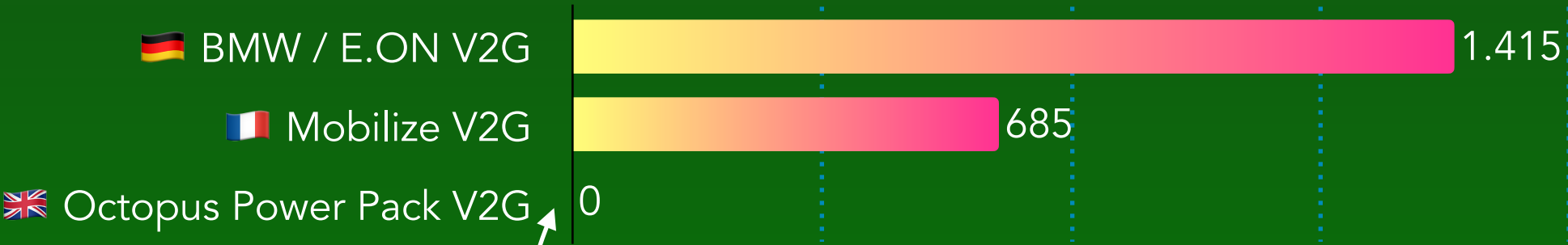
How often and for how long should you plug your EV in?



Plugging in 5 times a week for 12 hours (e.g. every weekday, 18:00 - 8:00h) results in yearly 'free' kWh:

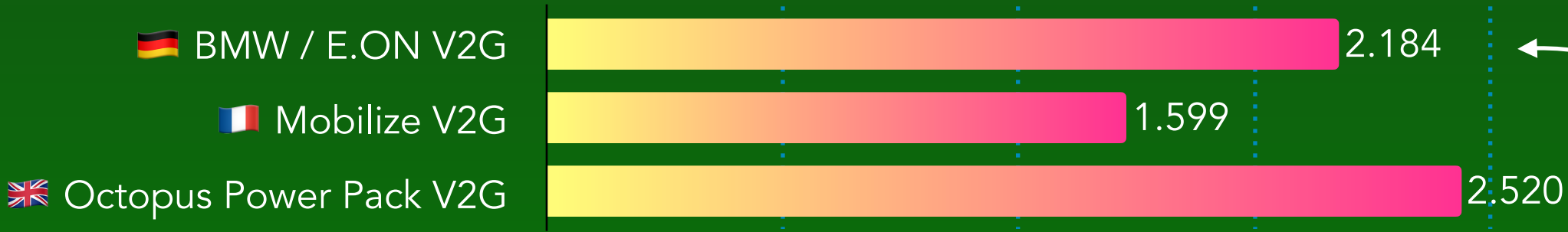


Plugging in 3 times a week for 12 hours:



This would be below the minimum number of hours plugged in for this contract.

Plugging in 6 times a week for 14 hours:

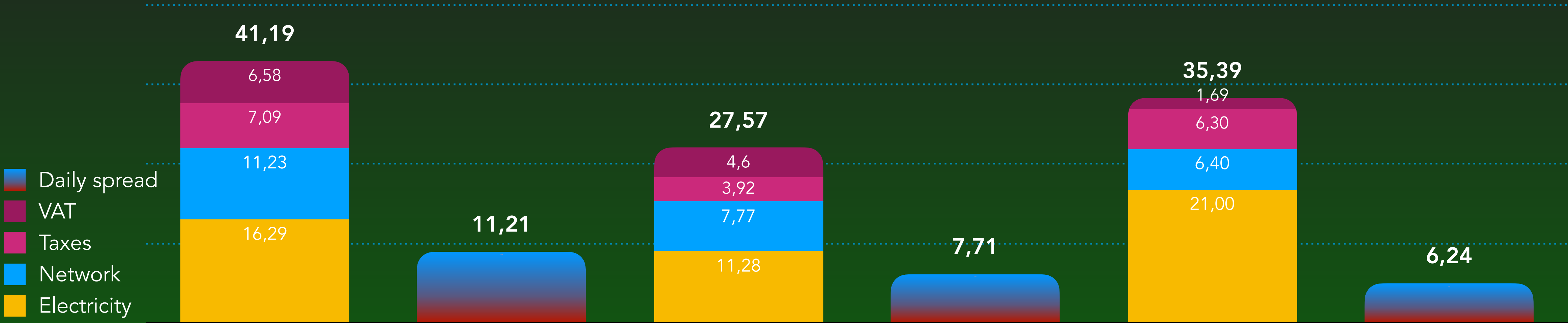


The value doesn't increase because the maximum number of hours for which compensation is provided has already been reached.

The impact of the number of hours plugged in at home on the amount of 'free' kWh for each V2G energy contract

(source: product websites of E.ON / Mobilize / Octopus, as of September 2025)

A comparison of electricity indicators in Germany, France and Great Britain



Berlin household ⚡

🇩🇪 2024 Daily spread

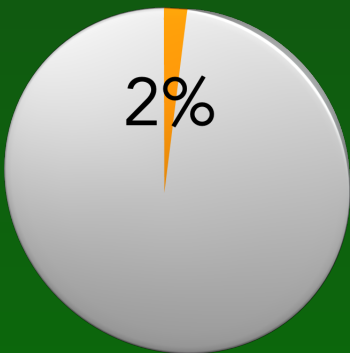
Paris household ⚡

🇫🇷 2024 Daily spread

London household ⚡

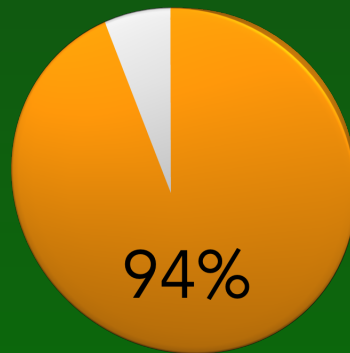
🇬🇧 2024 Daily spread

In 2024, 8.5% of hours in the German day-ahead electricity market had a price of less than 0.5 cents. In 4.1% of hours, the price was more than 15 cents.



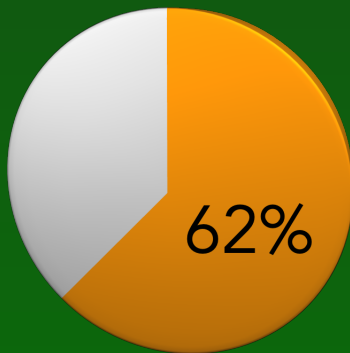
Only 2% of households had a smart meter, which is a prerequisite for benefiting from flexibility.

In 2024, 11.5% of hours in the French day-ahead electricity market had a price of less than 0.5 cents. In 1.1% of hours, the price was more than 15 cents.



94% of households had a smart meter.

62% of households had a smart meter (2023 data).



Time-varying network tariffs, taxation regimes (e.g. net billing) and feed-in tariffs can influence V2G returns, but are not considered here

Comparing household electricity price, daily spread on the day-ahead electricity market, low/high hours and smart meter share

(source: Retail Price in Capital Cities, in eurocents per kWh (August 2025). Household Energy Price Index by e-Control, MEKH and VaasaETT / Electricity country sheets Monitoring data 2024, ACER (FR, DE) / Gridcog (GB) / 2024 Energy Retail Market Monitoring Report ACER / CEER)