

INFOS REGARDING EVs IN THE NETHERLANDS

OVERVIEW OF THE DUTCH SITUATION

In 2022, the total fleet of battery electric and plug-in hybrid electric passenger cars in the Netherlands amounted to approximately 703,000. The number of battery electric vehicles (BEV) showed significant growth, from a little under 382,000 BEVs in 2021 to nearly 516,000 in 2022. The volume of plug-in hybrid vehicles (PHEV) reached almost 187,000 units in 2022.



Considering the electric passenger cars' performance in the automotive market, after struggling between 2015 and 2017, their market share has been significantly increasing since 2018. In fact, the market share of newly registered electric cars amounted to 34.9% in 2022, an increase of nearly five percentage points compared to the previous year.

For electric car owners to charge their vehicles along the way, dedicated charging stations are needed along the road network. Most of these stations are public and semi-public, providing upwards of 123,000 charging points combined across the Netherlands, an increase from the previous year, when there were just under 85,500 charging stations to be found in total (public, semi-public, and fast charging). Moreover, it is estimated that there were an additional 345,000 private charging points in the Netherlands in 2022.

THE DISTRIBUTION OF CHARGING UNITS

The Netherlands is one of the frontrunners in Europe when it comes to charging infrastructure, as a fact in June 2023 they reached the number of a total of 500,000 recharging units in the whole country, a big number compared to the relatively smaller size of the nation. The charging points are mostly in private points, but you'll have no problem finding them also in public and semi-public charging stations at offices, business parks and supermarkets, and along motorways. Here's a handy map where you can find a charging point [charging units map](#).

THE MOST USED APPS IN THE NETHERLANDS

1. CHARGEMAP

Open Charge Map is a non-commercial, non-profit, community-based project of drivers.

This means that while the other apps are owned by a company that earns on roaming charges, Open Charge Map is just a map, albeit very complete, made by its users. This characteristic is very useful to find new columns because this app is updated faster than the others.



2. PLUGSHARE



Plugshare is an app that unifies the networks of different charging operators on a single map. The charging points surveyed are over 300 thousand and the wallet system is an available method of payment.

There are also the classic filters such as selecting the model of the vehicle used and asking the app to show only the columns compatible with it, or those of a certain power or linked to a specific network.

Similarly to Chargemap, this app offers a map with an overview of the entire world.

3. ELECTROMAPS

Thanks to Electromaps you can:

- find charging stations near your location or search for charging stations at your destination or on route
- filter your charging station searches by connector type, power, location type, etc.
- check the real-time status of connected charging stations
- use the experience of other users to learn more about each charging station
- contribute to the community with comments, ratings and pictures of the charging stations
- make payments with the Electromaps app or key fob at available locations



WHAT ARE THE DIFFERENT PAYMENT METHODS?



The top payment methods for single top-up are:

- Via the app you chose to use
- Via credit card
- Via prepaid magnetic card
- Via PayPal and similar
- Via contract with a specific operator

RULES FOR PARKING AND VEHICLE CHARGING IN AMSTERDAM AND WEESP

If parked at a spot designated for electric vehicles, your car or motorcycle must be connected to the charging point. There is no time limit on charging at the charging point. However, you must have a personal charging pass to connect. You can request these from [the City](#). If the charging point is in an area where paid parking is in force, then you must also have a valid parking permit or pay for on-street parking.

THE 2 MAIN DUTCH OPERATORS

Here's the 2 main operators in The Netherlands:

FastNed: It is the largest player in the Dutch market. Their stylishly designed EV charging stations use solar panels to feed in renewable energy, while their stations always have at least four points that can charge at 150kW rates. The company already has partnerships with supermarkets and hotel chains and has an ambitious expansion plan inside and outside Dutch borders. FastNed is already present in the UK, Belgium, Germany and Switzerland and is aiming to become the second-largest CPO in Europe, ahead of Ionity and only behind the Tesla Supercharger network.

FastNed rates:

- €0,69/kW (DKK 5,14)

Allego: Founded in 2013, Allego offers smart charging solutions for electric cars, motorcycles, buses, and trucks for consumers, businesses, and cities. The enterprise is building an international charging network with already 34,000+ charge points operational throughout Europe.

Allego's tariffs:

- AC sockets 22 kWh: €0.30/kWh (DKK 2,24)
- DC 75 kWh sockets: €0.52/kWh (DKK 3,87)
- DC 300 kWh sockets: €0.64/kWh (DKK 4,77)

*Priserne gælder per august 2023

*Elbilforeningen er ikke ansvarlig for, hvorvidt dokumentets oplysninger er korrekte.