

INFOS REGARDING EVs IN BELGIUM

OVERVIEW OF THE BELGIAN SITUATION



Electric cars as a proportion of newly registered vehicles in Belgium is increasing rapidly. Accounting for almost one in three new vehicles in 2022, this has since risen to nearly four in ten in the first quarter of 2023.

Belgium's automotive industry federation Febiac announced that it is delighted with the results, published on Thursday. It highlighted the 27.5% rise in new electric vehicles between January and March in the consumer car market. Electric vehicles sales have recently dominated the corporate vehicle sector.

THE DISTRIBUTION OF CHARGING UNITS

Belgium has almost 30,000 charging units spread across the country, of these, about 1,000 are high-power fast DC chargers. This means it'll be extremely easy for any EV driver to find a gas station or parking lot with multiple charging points to charge their electric car.

WHAT ARE THE DIFFERENT PAYMENT METHODS?

Unfortunately, you cannot pay with your bank card at charging stations. Often, the procedure is to scan a QR Code to access an application or a web page and then pay with a credit card. But the easiest way is to use a charging card or a multi-network app. Please note that the total cost is not always shown on the charging station when removing the plug.



There are 2 types of service: those with a monthly subscription offering a discount on the charge price and those that are free with a commission on each charge. Choose the package that suits you according to the following criteria:

- frequency of use (subscription if you plan to charge a lot while on the go rather than at home or at work / commission will be better for moderate or irregular use)
- charging station brands and networks available on your usual routes
- subscription and charging prices
- links with the provider of your home charging station
- roaming quality abroad (number of compatible charging stations)

THE MOST USED APPS IN BELGIUM

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

THE 3 MAIN BELGIAN OPERATORS

Luminus: As a Q8 partner, Luminus charging stations are available at motorway services and petrol stations, and in car parks of large national retailers. They have Combo CCS and Chademo 50kW sockets.

TESLA: Unfortunately, the Tesla operator works for its own EVs only. Vehicle recognition happens without a card or an app and the cost is €0,37/kWh (DKK 2,76) at the more than 300 Supercharge stations available in the whole peninsula, 10 of which have a power up to 250 kW. In addition, there are more than 500 destination chargers, i.e. charging points installed in commercial and accommodation facilities

Ionity: From a consortium of German and Korean brands, Ionity is aiming to be a rival to the Tesla network. It is growing across Europe, with more and more stations, often on motorways. The charging stations have a maximum (theoretical) power of 350kW with a CCS Combo plug. Partner brands have packages with preferential rates.

*Priserne gælder per august 2023

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