

# INFOS REGARDING EVs IN PORTUGAL

## OVERVIEW OF THE PORTUGUESE SITUATION



According to data collected by the Portuguese Automobile Association, electric vehicles accounted for 7.4% of the total market share in Portugal in April 2022.

April 2022 had 1049 sales of electric cars, which marks an increase of 88.1% compared to the same period the year before.

Hybrids account for 21.9% of the total vehicle

market in Portugal with 3,103 units delivered. Differentiated between plug-in and non-plug-in, the former has 8.6% of total share and the latter 13.3%.

## THE DISTRIBUTION OF CHARGING UNITS

If you can't charge your EV at the place you're staying at, you'll need to go find a EVs recharging point, which may be on a public road, in a commercial parking lot or at a freeway service station, for example.

There are standard AC chargers, which charge up to 22 kW of power. These chargers do not have cables, so we will have to use the cable supplied with the car.



Another alternative are DC fast chargers, which can be fast, up to 50 kW, super-fast, from 50 kW to 150 kW, or ultra-fast, here with a power of more than 160 kW, and can currently reach powers of 350 kW. In this case, the cables are always in the station itself and you only have to choose the cable you need for your car: CHAdeMO or CCS2. In some fast stations there may be a cable for AC charging up to 43 kW.

## THE MOST USED APPS IN PORTUGAL

### 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.

This app doesn't only offer information regarding Portugal, but the entire world (even though the focus is mainly on Europe and North America), making it incredibly useful for longer trips across more than one country.

## 2. MIIO

Miio app allows you to charge your electric vehicle in Portugal, France and Spain.

With this app you can:

- Charge your vehicle through the app or physical card
- Have full control over your expenses, before, during and after your charging session
- View the most complete charging station map, with power indicators, plug availability and type of venue
- Get help to choose between charging stations and plugs, according to your vehicle specificities
- Monitor your charging session from distance and in real time, with smart alarms
- Comment, rate and add photos to charging stations
- Be notified about state and price changes, or about new stations
- Save your favorite or recent charging stations
- Plan your trips: where to stop and charge, how long it will take and how much it will cost you



## 3. 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.

#### 4. 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?](#)

To activate the rapid chargers in Portugal, you have to have a RFID card, there is no app or other way to pay. The rapid chargers are run by the Mobi.e network, but to get a RFID card you have to subscribe to a Portuguese energy supplier.

#### [THE 3 MAIN PORTUGUESE OPERATORS](#)

The 3 main electronic recharging operators in Portugal are:

**BLUECHARGE:** At the moment only working in Portugal and dedicated to the growth of Electric Mobility, Bluecharge is an Electric Mobility Energy Marketer (CEME) that provides its customers with 100% GREEN ENERGY.

In order to use their chargers, you'll need their Bluecharge Card, which not only lets you use their charges but also it will let you have access to any electric charging station in Portugal.

With Bluecharge you can track your charging history and costs at any time through the customer area of our website.



**BP PORTUGAL:** Born in Portugal 93 years ago, the company began as an oil company. In fact, it offers gas stations all over the country and for some time now also charging stations for electric cars.

**CAP WATT:** Capwatt is an innovative company that promotes integrated energy solutions, maximizing synergies between decentralized production, service provision and energy trading, centralizing all information on a digital multiplatform and contributing to a sustainable energy paradigm. You can find Cap Watt's recharging points all over Portugal but also in Italy, Spain and Mexico.

\*Priserne gælder per august 2023

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