INFOS REGARDING EVs IN SPAIN

OVERVIEW OF THE SPANISH SITUATION

Differently from what you may expect, recharging your EV in Spain is not that complicated thanks to the high presence of hybrid vehicles on the Spanish roads.
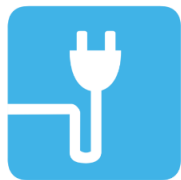

According to the different data, there are 633,000 hybrid cars and 292,000 pure EVs - a little more than in Italy- circulating in the whole country, with a total of 21,500 recharging points for public use spread across the country. Of these, 65% have a power of more than 22 kilowatts (kW) and, of these, 30% are fast and high power (from 50 to 400 kW).

In addition, there are another 7,400 points installed but not yet operational due to lack of licenses from public administrations, management of electricity distributors or other problems.

Most of the recharging points are located in the major cities such as Madrid, Barcelona and Seville where there's a higher percentage of use of EVs and of course in the most touristic areas such as the southern coast.

THE MOST USED APPS IN SPAIN

1. **CHARGEMAP**

Open Charge Map is a bit different from the apps showed earlier: it's 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 Spain, 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. 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 MAIN PAYMENT METHODS

There are multiple payment methods you can choose from, depending on your preferences and needs. The most common ones are:

- Via the app of the chosen provider
- Via credit or debit card
- Via RFID cards
- Via subscription

The 3 main electronic recharging operators in Spain are:

IBERDOLA, with 5,000 recharging points in the whole Country, IBERDOLA is definitely the biggest Spanish operator, they are even adding 1,600 new points in the near future.

Its rates:

- *Fast charge*, up to 50 kW for €0,30/ DKK 2,24
- *Extra fast charge*, €0,40/ DKK 2,98

ENDESA X, this operator has 2,200 in the main roads of the country and in cities with more than 35,000 habitants, offering recharging coverage for the 75% of the Spanish population.
It charges fast charging at €0, 40/ kWh.

ENDOLLA BARCELONA, this is the public charging net of the City of Barcelona.It has fast charging points with ChaDeMO, CCS and Mennekes connectors on the street, and charging points with Schuko and Mennekes connectors in municipal car parks. Charging is free (limited to 30 minutes on the street), while in car parks it is unlimited, but you have to pay for parking. It can be activated via the Smou app, without the need for an RFID card.

*Priserne gælder per august 2023

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