

# INFOS REGARDING EVs IN TURKEY

## OVERVIEW OF THE TURKISH SITUATION

Nowadays there are more than 50,000 electric vehicles circulating on Turkish roads, this number is expected to keep growing thanks to the creation and production of a new Turkish brand of EVs “TOGG” (Turkey’s Automobile Joint Venture Group).



If you’re wondering if it will be hard to find a charging station then don’t worry: currently, there are approximately 3,500 charging stations already installed in Turkey that are open to general use. 95 percent of them have an output of 22 kW and the filling time of these products can take up to 4-6 hours. The products used are devices that serve with DC electricity at 300 kW output power.

## 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

## THE MOST USED APPS IN TURKEY

### 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 offers information regarding 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. 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



## 3. Place To Plug

With Place to Plug the users has access to a variety of features, such as:

- Map and list of charging stations worldwide
- Filtering such as power supply, connector type, charging zone type...
- Access to public and private charging points
- Real-time status of charging stations and of charge points
- Remote start / stop
- Start charging by scanning a QR code
- Book charge points
- Charge session history and details
- Charge point reports and reviews
- Charge point sharing with other Place to Plug users
- Private charge point management
- Reservation management



### THE MAIN TURKISH OPERATORS

**VOLTRUN:** The Voltrun brand, which was initiated in 2011 by Zebra Elektronik Inc, provides production, network operation and field services (installation, service, etc.) of electric vehicle charging stations. After



5 years of R&D, the charging stations offered for sale in 2016 are in the international standards and compatible with all electric vehicles sold in Europe and Turkey. Voltron Charging Station Network serves with 156 sockets at 82 points. In addition, there are nearly 400 members of electric vehicle owners as well.

**EŞARJ:** In 2008, Eşarj Electric Vehicles Charging Systems Inc was established. In April 2018, the majority shares of Eşarj were sold to Enerjisa Enerji Inc. By today, Eşarj has 80 charging stations and 1,000 customers in Turkey. It is compatible with all leading electric vehicle brands and models, both AC (normal charging) and DC (fast charging). For AC charging, you can charge your vehicle by supplying a Mod 3 type cable from the vehicle manufacturer you are using.



**G-CHARGE:** G- CHARGE which is activated by the GERSAN ENERGY, is Turkey's first domestic brand Electric Vehicle Charging Station. Mobile payment systems can be used to charge within the system. You can also use these units with your radio frequency identification (RFID) member card that you will get by subscribing to the system or through internal systems such as the Istanbul Card.



**DMA OTO:** Established in 2007 by Özkan Derindere and Önder Yol, DMA (Derindere Motor Vehicles) stands out as the first local company producing electric vehicles and energy storage systems worldwide. This company, which produces electric vehicles, serves its customers with 22 charging stations.



**BD OTO:** Established by the Boyner family BD Automotive is a local company, whose center is in İstanbul, is focused on the vision of "the Transportation electrification" in Turkey and Europe. In this context, BD operates in the production, distribution and charging infrastructure of electric vehicles. BD Automotive's business model is to provide the most appropriate "e-mobility" products and services for corporate and individual needs.



As for the production of BD, focused on converting light commercial vehicles in Italy and Turkey into electric vehicles by mounting. The company that converts light commercial vehicles into electric vehicles has 71 charging stations.

\*Priserne gælder per august 2023

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