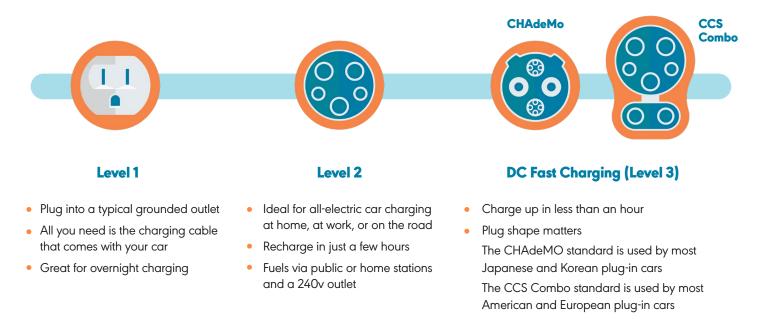
# CHARGING 101 Everything you need to know about charging up



## THE BASICS OF CHARGING

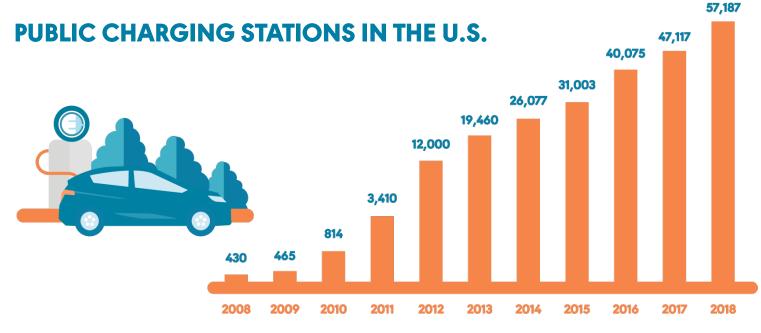
**So, you're thinking about going electric.** Great! The number of charging stations keeps increasing, making getting from point A to point B as easy as 1, 2, 3! Plus, charging is becoming more convenient and faster – you can charge at home, on your road trip, and even at work!

#### **Charging Levels**



• Tesla has a fast charging network specific to its cars with a different plug shape





Source: Statista and Alternative Fuels Data Center

### **Home Charging**

In most cases, home charging is cheaper than public charging. You can choose whether to plug in directly to an outlet (Level 1) or install a Level 2 charging station at your home.



Typically, home charging stations cost between \$300 - \$1,000 plus the cost of an electrician to install it. Check with your utility or a local energy conservation organization for recommendations on contractors and electricians who can install your station.

## **Public Charging Networks**

#### **Networks**

When charging at a public station, you'll likely use a charger that's serviced by a network. Many have membership programs



or subscriptions (you can download the app on your phone) and you can also pay as you go. Rates vary by network - some charge by session, per kWh, by the hour and some are free. Membership with these networks usually includes a member discount or if you're not a member you can call the 24-hour customer service line to pay on the spot.

Blink Charging, ChargePoint, Electrify America, EVgo, Greenlots, and SemaConnect are the most common network providers in the U.S.



#### **Finding Public stations**

Resources and apps like PlugShare, Chargeway, or the Alternative Fuels Data Center give real-time information on charging station locations, pricing, nearby amenities, and availability. Google Maps also now shows charging station locations.



Charging stations can be anywhere - at grocery stores and shopping centers, rest stops on the highway, and even at your workplace. You can run errands and grab a meal while you're charging up, plus some charging stations can communicate with your car and phone so you control when charging occurs.