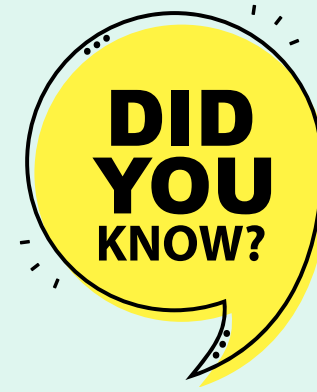


ELECTRIC VEHICLE CHARGING STATIONS



A charging station also called an EV charger, is a piece of equipment that supplies electrical power for charging plug-in electric vehicles.



There are a few ways you can charge your EV:

At home

- Most EV drivers charge their vehicles overnight at home using AC Level 1 or 2 charging equipment.
- Residential charging equipment is installed in garages commonly. However, outdoor installation and use are safe and effective.

On the road

- Across the United States, there are 40,000+ level 2 charging stations that can be found online or using the Mobile App PlugShare (available for Apple and Android users)
- Or, for Tesla drivers, you can stop at any of the 900+ Tesla supercharging stations, which are considered a level 3 charging station.

Level 1:

- These chargers come free with the purchase of your car.
- They can take up to 24 hours to fully charge your car's battery.
- These are not installed but will plug into any 120-volt outlet. These are a great portable charging option.

Level 2:

- These chargers cost between \$300-\$1200 on average.
- Fully charges the battery in just a few hours (4-6 times faster than Level 1 chargers.)
- Level 2 stations require a 240-volt outlet, and they can be portable or mounted and hardwired to your home.
- Level 2 public charging stations typically will cost around \$2.50-\$3.50 an hour.

Level 3:

- Tesla can use the same Level 1 and Level 2 charging options as other standard EVs. However, Tesla takes it up a notch with a Level 3 option.
- Level 3 chargers use DC, bypassing the onboard charger and directly charging the EV's battery. Level 3 chargers allow for breakneck charging speeds; they can provide 100 miles of range per hour
- A full recharge to about 250 miles of range will cost approximately \$22 at these level 3 charging stations.

What are the benefits to EVs?

- Electric Cars are better for the environment.
- Electric Cars can be powered naturally with renewable resources.
- Electric Cars' life cycle costs one-third of the typical gas-powered vehicles.
- Without the use of a gas engine, electric cars don't need oil. That means no more oil changes.
- Electric Cars forgo any other maintenance and repairs associated with a traditional gas engine.

