

# Driving Electric: Clearing Up the Confusion on EV Charging

Charging your EV may seem unfamiliar at first, but most drivers quickly find it easy to do. In fact, many people only need to charge a few times per week, often while they sleep or work. Today’s EV batteries can last for hundreds of miles on a single charge, and public charging networks continue to grow nationwide. With clear information about charging locations at work and in your community, switching to an EV can be a simple and rewarding change

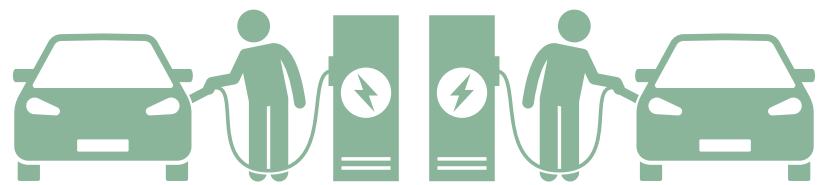
## EV Charging Is Easier Than You Think

Charging your EV is a lot like charging your phone. You charge when convenient and avoid letting the battery fall too low. Most drivers go fewer than 30 miles per day, which means most EVs only need to be charged once or twice a week, and overnight home charging usually does the trick. Here are the EV charging types:

### EV Charging Levels

Charging Level	Location	Charging Time	Common Use
Level 1	Home outlet (120V)	2–5 miles/hour	Overnight home charging
Level 2	Home/public (240V)	10–30 miles/hour	Daily or workplace use
DC Fast	Public stations	100+ miles in 20–60 mins	Road trips, top-offs

Source: U.S. Department of Energy Alternative Fuels Data Center



## What the Numbers Show

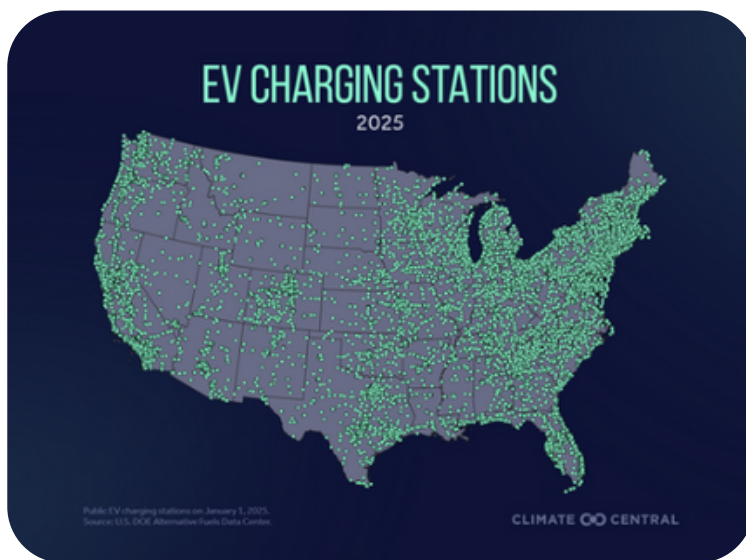
- **Going the Distance:** Most newer model EVs can travel 200 to 300 miles on a single charge. That's much farther than the average daily drive.
- **Charge When It's Convenient:** At home, plug in your EV in the evening and it will be ready to go in the morning. When you're in a rush, fast chargers can add over 100 miles of range in less than an hour, about the time it takes to shop or grab a meal.
- **Apartments are Catching Up:** EV charging access in multifamily housing grew 20% in early 2024, with nearly all new ports being faster Level 2 chargers. Renters are increasingly able to plug in where they live.

*"I love my RAV4 EV. I charge at home and it meets all my needs."*

*Jim K., Compact Crossover SUV EV owner, via [Plug In America](#)*

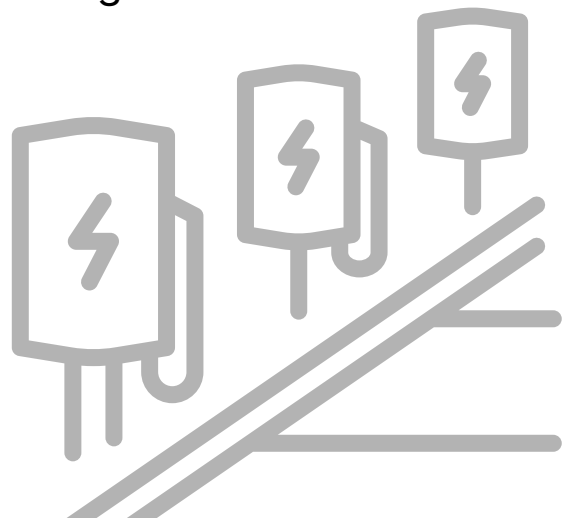
*"Finding places to charge can actually be...fun! We've discovered great shops and coffee spots while charging."*

*Matthew W., Mid-Size Sedan EV Owner, via [Plug In America](#)*



Source: Climate Central, [EV Charging stations 2025](#)

- **More Chargers Than Ever:** As of 2025, the United States has nearly 200,000 public charging points, including many along highways and in city centers. This makes it easy to top off while on the go.



# Explore, Learn, and Take Action

If you're curious about EVs, start with the basics:

- **Learn how EVs work** with The Alternative Fuel Vehicle Data Center [EV Overview](#) and [home charging guide](#), including how to install a charger at home
- **Hear real stories** from [drivers across the U.S.](#) who share what it's like to drive electric
- **Find chargers and incentives** using the [DOE's charging station map](#), [Electric for All's incentive finder](#), and the [AFDC's incentive tracker](#) for federal and state programs
- **Compare vehicles** with [PlugStar](#) to browse new and used EVs by price, features, and range; check [Recurrent's used EV guide](#) for top-rated models under \$20,000; or visit [fueleconomy.gov](#) to compare vehicles side by side

## Compare Side-by-Side

Select up to Four Vehicles




Photo Not Available

Select Year

Select Make

Select Model

Select Options

Compare

Compare up to four vehicles side-by-side on [fueleconomy.gov](#)

**Ready to take the next step? Visit a public charging station, attend a local EV test drive, ask your workplace or town about EV charging plans, or talk to someone in your community who already drives electric**



*"Try test-driving an EV. You'll wonder why you didn't switch sooner."*  
Marc F., Compact Hatchback EV owner, via [Plug In America](#)

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