



YES. IT'S LIKE THAT.

Electric cars are here. But there are questions about how and when to charge them. Whether you charge at home while you sleep or at your closest quick-charge station, it's easy to see how one can fit into your life.



### THREE OPTIONS FOR CHARGING YOUR ELECTRIC VEHICLE IN PUBLIC

While most of the time you'll charge your electric vehicle (EV) at home, sometimes you'll need a boost on the road. When you're out and about and need to charge up, you've got three options, or "levels."

You can charge any electric car at a level 1 or level 2 station. These types of chargers offer the same charging power as the ones you can install at home. But DC fast chargers — the fastest level — are different.

DCFC or fast-charging stations — are much more powerful and can charge an EV significantly faster than level 1 and 2 stations. But with great power comes great responsibility — like knowing whether your electric car can handle the extra juice.

Some vehicles cannot charge at DC fast chargers, so be sure to know your vehicle's capabilities before plugging in.

CHARGING LEVEL SUMMARY	CHARGEHUB POWER (WATTS)	POWER (KW)	CHARGING TIME (APPROX. CHARGING TIME FROM 25% TO 80%)
LEVEL 1	1,200	1 kW	200 kWh EV: 40-50 HOURS 60 kWh EV: 10-12 HOURS
LEVEL 2	3,000-7,000	3-20 kW	200 kWh EV: 8-16 HOURS 60 kWh EV: 1-2 HOURS
DCFC	150,000-350,000	150-350 kW	80% of 200 kWh EV: 30 MIN 60 kWh EV: 15-20 MIN

### THE QUICKEST WAY TO CHARGE YOUR ELECTRIC CAR IN PUBLIC

You've got three options to charge your electric car in public, but these "levels" aren't the same. If possible, avoid level 1 charging stations. They're slow and aren't the best choice for drivers who want to get back on the road quickly.

If you want to charge using the fastest way possible, use a DC fast charging station, as these can provide a lot more range to your EV in the shortest amount of time. Charging at a DCFC station is most effective if your battery's state-of-charge (SOC) is below 80%. But once you top 80%, charging slows down significantly.

**Tip:** Does your car reach an 80% charge, top off at a level 2 charger.

**Why the switch?** For the last 20% of charge, level 2 and DCFC stations charge at the same speed, but it's way cheaper to use the level 2, so you'll be able to save some cash (you're welcome). You can hit the road and charge your EV back to 80% at the next DC fast charger you see. If time is not an issue and you've got a few hours to spare, skip the DCFC and go straight to a level 2 station. It'll take longer, but as we said, it's way cheaper.

#### LEVEL 2 PUBLIC CHARGERS

If you are charging for multiple hours, there's a level 2 charger option for the better choice. Level 2 is the typical EV plug found in homes and garages. Most public charging stations are level 2. EV prices of \$16,000 or more are also considered level 2 chargers.

#### DC FAST PUBLIC CHARGERS

Some public stations are DC fast chargers. Making a great choice for the quickest way to charge a public. Note: not every EV can charge at DC fast chargers.

### YES. IT'S LIKE THAT.

With prices dropping, driving ranges expanding and cost savings across the board, now is the perfect time to learn more about electric cars — and we've got the perfect place to find the answers.

[VISIT OUR TOOLS AND RESOURCES PAGE >](#)

There's a good reason why car makers everywhere are making electric cars today. People like you have discovered that electric cars are an amazing value: zippy, quiet, non-polluting cars that save you a ton of money compared to their gas cousins. Electric cars are:

- Affordable to buy**, with competition and technology driving prices lower and lower
- Affordable to own**, saving you up to 80% on the cost of fuel — and also saving on maintenance
- Easy to "refuel"**, just by plugging into an outlet at home or at one of thousands of quick-charge stations
- Ready to go the distance**, with more range and a network of charging stations to keep you on the go, whether you're running errands or going on a road trip

Visit our Tools and Resources page at [OPCo URL] to find the best information about why now is a great time to purchase an electric car.

OPCo Logo Here

### EASY TO REFUEL

Electric cars easily charge at home, saving up to 80% on fuel costs.

**YES. IT'S LIKE THAT.**

[See how an electric car fits into your life >](#)

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