

FREQUENTLY ASKED QUESTIONS

How much does it cost to charge?

The cost to charge an electric vehicle varies slightly, depending on how much you pay for electricity. On average, however, it costs about \$25 per month to charge an electric vehicle.

Can I drive an electric vehicle in the rain?

Yes. Electric cars are weatherproof.

They can be driven and charged in the rain.

How do I know where to charge on the road?

Electric vehicle chargers are becoming more and more common in public locations. Before you set out on a trip, we recommend downloading one of the many apps that provide charging location maps. Chargepoint and Chargeway both have apps that feature charging station maps.



Does the weather affect mileage?

Yes. Variations in weather can affect the range of plug-in EVs. Extreme weather variations can affect range up to 25% or more.

Does using the air conditioner/heat affect my mileage?

Yes. Heat, air, and entertainment features will have some affect on the mileage you can expect from your electric vehicle. Pre-heating or pre-cooling your vehicle while its plugged in can extend your vehicle's range, especially in extreme weather conditions.

How long does it take to charge an electric vehicle?

On average, people drive 30 miles per day. Electric vehicles average 28 kWh per 100 miles, so 30 miles per day equates to about 8.4 kWh per day. At that rate, it takes 1-2 hours to recharge the typical electric vehicle on a home-installed level 2 charger.

If you are out and about and need a charge, it takes approximately 30 minutes to add 100 miles at a fast-charge station.

Do electric cars lose charge when they are parked?

Electric cars will lose some amount of charge while parked, but overall they handle extended periods of inactivity very well.

How fast will an electric car go?

Electric cars will reach speeds comparable to those of gas-powered cars.

What is the annual maintenance cost for an electric vehicle?

EVs cost about \$900 a year to repair and maintain, whereas comparable gasoline-powered cars cost about \$1,200 per year to maintain. Electric vehicles have a fraction of the moving parts of gasoline vehicles. That means no oil changes, no spark plugs, catalytic converters or other emissions equipment. In general, electric vehicles only need to be serviced once or twice a year to check vehicle systems and rotate the tires.