



Top Five Reasons to Choose an Electric Car



They're a really good buy

1. Electric vehicles save you money

No matter where you plug in across the country, electric vehicles are cheaper to fuel than their gasoline-powered counterparts. Every electricity provider in the 50 largest US cities offers a rate plan that makes filling up on electricity cheaper than gasoline, adding up to a median yearly savings of over \$770.

Electric vehicles can also save you on maintenance costs. Battery EVs have no gasoline engine, they do not need oil changes, spark plugs, or timing belts, and unlike gasoline motors, electric motors required no routine maintenance. These reduced maintenance costs can save an EV owner over \$1,500 over the life of the vehicle, compared to a gasoline-powered version of their vehicle.

2. Electric vehicles cut your emissions

Even when the electricity used to fuel an EV comes from the dirtiest coal-dominated grid in the US, EVs still produce less global warming pollution than their conventional counterparts. The average EV in the US today produces the emissions equivalent of a gasoline car that gets 73 miles per gallon. The emissions performance of EVs is set to only improve as wind and solar power displace coal-fired electricity generation. Many EV owners are also choosing to pair their EV with rooftop solar panels and home energy storage units. When powered exclusively by renewable energy, an EV can operate nearly emissions free. *How clean is your electric vehicle?*

3. Electric vehicles offer you a better driving experience

An electric engine generates instant torque, which means that electric vehicles zoom off starting lines and provide smooth, responsive acceleration and deceleration. Electric vehicles

also have a low center of gravity, which improves handling, responsiveness, and ride comfort.

The driving performance of electric vehicles has been recognized in race series like Formula E or local drag strips and attested to by thousands of electric vehicle drivers across the country.

4. Electric vehicles cut your oil use

Electric vehicles are an essential part of the UCS plan to cut the nation's oil use in half in twenty years. Using oil causes an array of problems, and transportation remains reliant on oil as the dominant energy source. Electric vehicles offer the potential to disrupt this status quo relationship between transportation and oil, and offer a cleaner, better way to fuel transportation for everyone. Overall, electric vehicles can cut US oil use by 1.5 million barrels a day by 2035.

5. Electric vehicles are convenient

Instead of searching for a gasoline station with the cheapest prices, you can charge at home at a cheaper and much more predictable cost. And plugging in at home takes only a few seconds and lets you wake up with a "full tank" every morning. EVs also have other convenient advantages. Battery electric vehicles are mechanically much simpler than a conventional gasoline car, so the maintenance requirements are often much simpler and, for this reason, cheaper to maintain. Drivers of electric cars do not have to change their car's motor oil every 5,000 to 10,000 miles, and they never have to schedule spark plug changes, timing belt replacements, or other engine tune up items. Depending on your location, EVs have additional benefits, like access to restricted express lanes on highways and bridges, special parking spots, and reduced or free tolls.

<https://bit.ly/2Scl8oM>

Visit electricauto.org

The Electric Auto Association is North America's leading volunteer organization that accelerates the adoption of electric vehicles by supporting its 80 chapters and thousands of members as they