

Electric Vehicles Are in Your Future: Learn the Basics

Who Makes EV's? Almost all manufacturers, including new companies all the time

Plug-in Hybrid or Full EV?

- A plug-in hybrid (PHEV) can operate on its battery alone—and burn no fuel—for a limited number of miles before the engine starts up to help
- A full EV, on the other hand, relies solely on its battery for power—which means it has to be charged regularly

Vehicle Cost?

- Federal tax/state credits
- Special Interest Group Deals
- Costco
- Lower maintenance needs for full EV

Charging — Types of Chargers & Connectors

J1772

- Level 1 (110V)
- Level 2 (220 V)

Special Connectors

- DC Fast Charge
- Tesla

Where to Charge?

- Home
- Office
- Public Charger
- Long Distance Trips

Range Considerations (Range Anxiety)

- Frequency of recharging
- Difference vehicles have different ranges
- Temperature & topography effect range

Environmental Impact?

- Materials
- Manufacturing process
- Electricity source
- Maintenance supplies (oil & other fluids)
- Exhaust

Online Resources:

Green Energy Consumer Alliance - Drive Green Program

<https://www.greenenergyconsumers.org/drivegreen>

The Beginner's Guide to Electric Cars

<https://www.ecowatch.com/beginners-guide-to-electric-cars-2640728809.html>

Buying An Electric Vehicle? Here's Some Advice

<https://www.nytimes.com/article/electric-vehicle-ev-buying-guide.html>

Electric Cars Are Better for the Planet — and Often Your Budget, Too

<https://www.nytimes.com/interactive/2021/01/15/climate/electric-car-cost.html>

Top 10 Reasons You Should Switch to an Electric Car

<https://cleanchoiceenergy.com/news/reasons-to-switch-to-electric->

Extending Electric Vehicle Capabilities

<https://www.evextend.com/index.php>

