

# EV Charging 101



# Electric Vehicle Guide

Compare vehicles online at [PlugStar.com](https://www.plugstar.com)



## LEVEL 1 STANDARD OUTLET

- Plug into a standard 120V wall outlet
- Connector provided with most EVs
- Great for overnight or workplace charging
- Ideal for typical commutes (up to 40 miles)



**Add 40 miles**  
of range overnight

## LEVEL 2 240-VOLT OUTLET/CHARGER

- Faster charging for longer drives
- Provides a full charge for most EVs in:



100% Electric

**4-8 hours**  
empty to full  
charge



Electric & Gas

**1-2 hours**  
empty to full  
charge



**Gain 25 miles**  
of range per hour  
of charging

## DC FAST CHARGE

- Much faster charging at public locations
- 3 different connectors depending on vehicle:



CCS Combo



CHAdeMo



Tesla  
Supercharger/  
NACS



**20% to 80%**  
in 20-30 minutes



## EDUCATE | ADVOCATE | RESEARCH

Founded in 2008, Plug In America is a nonprofit organization serving and representing prospective and current EV drivers.

- We work to make it easier for consumers to learn and drive EVs. Join our network to take action.
- We present hundreds of EV events across the country each year to educate Americans about the benefits of driving electric.
- We train dealers to enhance consumers shopping experience.
- Our PlugStar EV Shopping Assistant and EV Support Center make it easy for drivers to switch to EVs.

**Join the movement at [PlugInAmerica.org](https://www.PlugInAmerica.org)**

[PlugStar.com](https://www.PlugStar.com) | [DriveElectricMonth.org](https://www.DriveElectricMonth.org) | [DriveElectricEarthMonth.org](https://www.DriveElectricEarthMonth.org)



@PlugInAmerica



## All-Electric Vehicles

sorted by price, low to high



Nissan Leaf  
\$28,140  
**150-215 miles**



Hyundai Kona EV  
\$32,875  
**200-261 miles**



Chevy Equinox  
\$37,495  
**307-319 miles**



Toyota bZ4X  
\$38,940  
**222-252 miles**



Kia Niro EV  
\$39,600  
**253 miles**



VW ID.4  
\$39,735  
**206-281 miles**



Nissan Ariya  
\$39,770  
**216-289 miles**



Tesla Model 3  
\$42,490  
**298-363 miles**



Hyundai Ioniq 5  
\$42,500  
**221-318 miles**



Ford Mustang Mach-E  
\$42,585  
**240-320 miles**



Kia EV6  
\$42,600  
**237-319 miles**



Lexus RZ  
\$43,975  
**196-266 miles**



Tesla Model Y  
\$44,990  
**297-337 miles**



Volvo EX30  
\$46,195  
**253 miles**



Honda Prologue  
\$47,400  
**283-308 miles**



Genesis GV60  
\$52,350  
**235-294 miles**

**Additional all-electric and plug-in hybrid vehicles inside**



## All-Electric Vehicles

sorted by price, low to high



Audi Q4 E-Tron  
\$53,600  
258-288 miles



Mercedes-Benz EQB  
\$54,200  
205-251 miles



Kia EV9  
\$54,900  
230-304 miles



BMW i4  
\$57,900  
244-318 miles



Cadillac LYRIQ  
\$59,990  
303-326 miles



Volkswagen ID. Buzz  
\$59,995  
234 miles



Ford F-150 Lightning  
\$62,995  
240-320 miles



Polestar 2  
\$64,800  
254 miles



Lucid Air  
\$69,900  
261-512 miles



Rivian R1T  
\$69,900  
258-420 miles



Chevrolet Silverado EV  
\$75,195  
282-492 miles



Rivian R1S  
\$75,900  
270-410 miles

Find more all-electric vehicles at [PlugStar.com](https://www.plugstar.com)

### One-on-one support

Plug In America's free EV Support Center can answer all of your EV-related questions about charging, incentives, and more. Email [support@pluginamerica.org](mailto:support@pluginamerica.org) or call 1-877-EV-HELP-1.



### Incentives

Rebates, discounts, and incentives may be available in your area from your state, county, utility, city, or another local entity. Visit [PlugStar.com](https://www.plugstar.com) to learn about more opportunities for savings..



This guide includes a sampling of vehicles available as of July 2025. All prices are starting MSRP. Models, MSRP, and range numbers are subject to change. Not all vehicles are available in all states. Vehicle charging rates vary by vehicle and conditions. Visit [PlugStar.com](https://www.plugstar.com) for updated information.



## Plug-In Hybrid Vehicles

sorted by price, low to high



Dodge Hornet  
Plug-In Hybrid  
\$31,585  
33 / 360  
electric total miles



Toyota Prius Prime  
\$33,375  
44 / 555  
electric total miles



Kia Niro PHEV  
\$34,490  
33 / 510  
electric total miles



Ford Escape PHEV  
\$37,400  
37 / 560  
electric total miles



Kia Sportage Plug-In  
Hybrid  
\$39,890  
34 / 430  
electric total miles



Mitsubishi Outlander  
PHEV  
\$40,445  
38 / 420  
electric total miles



Toyota RAV4 Prime  
\$43,865  
42 / 600  
electric total miles



Mazda CX-90  
\$49,945  
26 / 490  
electric total miles



Jeep Wrangler  
Plug-In Hybrid  
\$50,695  
22 / 370  
electric total miles



Chrysler Pacifica  
Hybrid  
\$51,055  
32 / 520  
electric total miles



Lincoln Corsair Grand  
Touring  
\$53,925  
27 / 450  
electric total miles



Audi Q5 PHEV  
\$58,500  
23 / 390  
electric total miles

Find more plug-in hybrids at [PlugStar.com](https://www.plugstar.com)

### Used Electric Vehicles

Hundreds of thousands of EVs are entering the used vehicle market, creating an opportunity for consumers to enjoy their many benefits, including reduced fuel and maintenance costs, a smoother drive, and reduced air pollution. There are many great deals on used EVs, making buying used an economical way to transition to driving electric. Featured to the right is the popular Chevy Bolt, one of the many used EVs on the market. Get shopping tips and resources on [PlugStar.com](https://www.plugstar.com).



Chevy Bolt EV  
259 miles



### All your charging needs

Get equipped for charging at home and find a qualified electrician. Plus, find public charging in your area at [PlugStar.com](https://www.plugstar.com).



### Find the EV that fits your lifestyle

Answer a few questions about your vehicle needs and find out which EVs work for you with our Shopping Assistant tool on [PlugStar.com](https://www.plugstar.com)

