

# EV Charging 101

Plug In  
America.

## 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 every EV
- Great for overnight or workplace charging
- Ideal for typical commutes (up to 40 miles)



40 miles  
overnight

### LEVEL 2 240 VOLT OUTLET

- 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



25 miles  
per hour of  
charging

### DC FAST CHARGE

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



CCS Combo

Up to  
**160 miles**  
in 20 minutes



CHAdeMO

Up to  
**67 miles**  
in 30 minutes



Tesla Supercharger

Up to  
**200 miles**  
in 20 minutes



0 to 80%  
30-40 minutes

Plug In  
America.

We drive electric. You can too.



@PlugInAmerica

## The voice of the EV driver

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

- We fight for pro-EV policies, including tax credits and access to HOV lanes. 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.
- Our PlugStar EV Shopping Assistant and EV Support Program make it easy for drivers to switch to clean EVs.

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

[PlugStar.com](https://www.PlugStar.com) • [DriveElectricWeek.org](https://www.DriveElectricWeek.org) • [DriveElectricEarthDay.org](https://www.DriveElectricEarthDay.org)



### All-Electric Vehicles

sorted by electric range



Tesla Model S  
\$89,990

348-405 miles



Tesla Model X  
\$99,990

340-360 miles



Tesla Model 3  
\$39,990

263-353 miles



Tesla Model Y  
\$53,990

303-326 miles



Ford Mustang Mach-E  
\$42,895

211-305 miles



Volkswagen ID.4  
\$39,995

260 miles



Chevy Bolt EV  
\$31,000

259 miles



Hyundai Kona Electric  
\$34,000

258 miles



Chevy Bolt EUV  
\$33,000

247 miles



Kia Niro EV  
\$39,090

239 miles



Audi e-tron GT  
\$99,900

238 miles



Jaguar I-Pace  
\$69,900

234 miles



Polestar 2  
\$45,900

233 miles



Porsche Taycan  
\$82,700

199-227 miles



Nissan LEAF  
\$27,400

149-226 miles



Audi e-tron  
\$65,900

222 miles

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



## All-Electric Vehicles

sorted by electric range



Audi e-tron Sportback

\$69,100

**218 miles**



Volvo XC40 Recharge

\$53,990

**208 miles**



Hyundai Ioniq Electric

\$33,245

**170 miles**



BMW i3

\$44,450

**153 miles**



MINI Electric Hardtop 2 Door

\$29,900

**114 miles**

## Plug In America offers many EV resources!

### EV Support Program

Plug In America's EV Support Program can answer all of your EV-related questions. Email us at [support@pluginamerica.org](mailto:support@pluginamerica.org) or call 1 (877) EV-HELP-1.



### Incentives

Many EVs are eligible for a federal tax credit of up to \$7,500 and additional incentives may be available in your area. Visit [PlugStar.com](http://PlugStar.com) to learn more!



### Charging

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



### Used Electric Vehicles

Used EVs can be a great option, given the fewer moving parts. Download our Used EV Buyer's Guide on [PlugInAmerica.org](http://PlugInAmerica.org).



## Plug-In Hybrid Vehicles

sorted by electric range



BMW i3 REX

\$48,300

**126** / 200  
electric total miles



Karma GS-6

\$93,900

**61** / 330  
electric total miles



Polestar 1

\$155,000

**52** / 470  
electric total miles



Toyota RAV4 Prime

\$38,350

**42** / 600  
electric total miles



Ford Escape Plug-In Hybrid

\$33,075

**37** / 520  
electric total miles



Chrysler Pacifica Hybrid

\$44,920

**32** / 520  
electric total miles



BMW X5 xDrive45e

\$63,700

**31** / 400  
electric total miles



Hyundai Ioniq Plug-In

\$26,700

**29** / 620  
electric total miles



Lincoln Corsair Grand Touring

\$50,390

**28** / 430  
electric total miles



Kia Niro Plug-in

\$29,590

**26** / 560  
electric total miles



Toyota Prius Prime

\$28,220

**25** / 640  
electric total miles



Audi A755 TFSIe PHEV

\$74,900

**24** / 440  
electric total miles



Mitsubishi Outlander

\$36,695

**24** / 320  
electric total miles



BMW 330e

\$42,950

**23** / 320  
electric total miles



Jeep Wrangler 4xe

\$51,025

**22** / 370  
electric total miles

Find more plug-in hybrids at [PlugStar.com](http://PlugStar.com)!