

# EV Charging 101



# Electric Vehicle Guide

Compare vehicles online at [PlugStar.com](http://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

## DC FAST CHARGE

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



CCS Combo  
**65 miles**  
in 20 minutes



CHAdeMO  
**67 miles**  
in 30 minutes



Tesla Supercharger  
**130+ miles**  
in 20 minutes



**0 to 80%**  
30-40 minutes



## All Electric Vehicles

sorted by electric range



Tesla Model S  
\$79,990

**348-390 miles**



Tesla Model X  
\$84,990

**305-351 miles**



Tesla Model 3  
\$39,990

**250-322 miles**



Tesla Model Y  
\$52,990

**315 miles**



Chevrolet Bolt EV  
\$36,620

**259 miles**



Hyundai Kona Electric  
\$37,190

**258 miles**



Kia Niro EV  
\$38,500

**239 miles**



Jaguar I-PACE  
\$69,850

**234 miles**



Nissan LEAF  
\$31,600

**150-226 miles**



Audi e-tron  
\$74,800

**204 miles**



Porsche Taycan Turbo  
\$150,900

**201 miles**



Hyundai Ioniq Electric  
\$33,045

**170 miles**



BMW i3  
\$44,450

**153 miles**



Volkswagen e-Golf  
\$31,895

**125 miles**



Fiat 500e  
\$33,460

**84 miles**



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](http://PlugInAmerica.org)

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

Plug-In Hybrid Vehicles Inside >



## Plug-In Hybrid Vehicles

sorted by electric range



**BMW i3 REX**

\$48,300

**126 / 200**  
electric total miles



**Karma Revero GT**

\$135,000

**61 / 330**  
electric total miles



**Honda Clarity Plug-In**

\$33,400

**48 / 340**  
electric total miles



**Chrysler Pacifica Hybrid**

\$39,995

**32 / 520**  
electric total miles



**Mercedes-Benz S 560e**

\$109,750

**31 / 549**  
electric total miles



**Hyundai Ioniq Plug-In**

\$26,500

**29 / 630**  
electric total miles



**Kia Optima Plug-In**

\$36,090

**28 / 630**  
electric total miles



**Ford Fusion Plug-In**

\$35,000

**26 / 610**  
electric total miles



**Kia Niro Plug-In**

\$28,500

**26 / 560**  
electric total miles



**Toyota Prius Prime**

\$27,750

**25 / 640**  
electric total miles



**Volvo S60 PHEV**

\$56,045

**22 / 510**  
electric total miles



**Volvo V60 PHEV**

\$67,300

**22 / 510**  
electric total miles



**Mitsubishi Outlander PHEV**

\$36,295

**22 / 310**  
electric total miles



**Volvo S90 PHEV**

\$63,845

**21 / 490**  
electric total miles



**Lincoln Aviator Grand Touring**

\$68,800

**21 / 460**  
electric total miles



## Plug-In Hybrid Vehicles

sorted by electric range



**BMW 530e**

\$53,900

**21 / 350**  
electric total miles



**Audi Q5 PHEV**

\$52,900

**20 / 390**  
electric total miles



**Volvo XC60 PHEV**

\$54,595

**19 / 520**  
electric total miles



**Range Rover PHEV**

\$79,000

**19 / 480**  
electric total miles



**Volvo XC90 PHEV**

\$67,500

**18 / 520**  
electric total miles



**BMW i8**

\$147,500

**18 / 320**  
electric total miles



**Subaru Crosstrek Hybrid**

\$35,145

**17 / 480**  
electric total miles



**Audi A8 L PHEV**

\$94,000

**17 / 420**  
electric total miles



**BMW 745e**

\$95,550

**16 / 290**  
electric total miles



**Porsche Panamera 4**

\$103,800

**14 / 490**  
electric total miles



**Porsche Cayenne S**

\$81,100

**13 / 450**  
electric total miles



**Mercedes-Benz GLC 350e**

\$50,650

**10 / 350**  
electric total miles

We make driving electric easy!



[PlugStar.com](http://PlugStar.com)

Visit [PlugStar.com](http://PlugStar.com) to find a plug-in vehicle, learn about tax credits and other incentives, get equipped for charging, and connect with a PlugStar-certified dealer in your area!

This guide includes vehicles available as of March 2020. 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](http://PlugStar.com) for updated information.