

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

- 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
Up to
160 miles
in 20 minutes



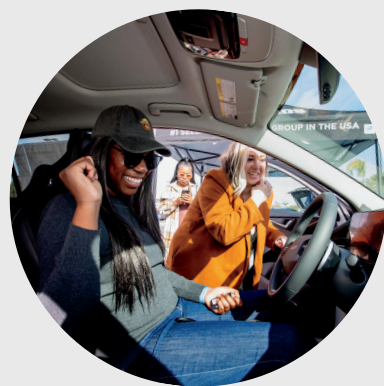
CHAdeMO
Up to
67 miles
in 30 minutes



Tesla Supercharger/NACS
Up to
200 miles
in 20 minutes



0 to 80%
in 30-40 minutes



EDUCATE | ADVOCATE | RESEARCH

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

- We fight for pro-EV policies, including tax credits, and educate policymakers about the true owner experience. 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) | [DriveElectricMonth.org](https://www.DriveElectricMonth.org) | [DriveElectricEarthMonth.org](https://www.DriveElectricEarthMonth.org)



@PlugInAmerica



All-Electric Vehicles

sorted by price, low to high



Chevy Bolt EV*/EUV*
\$27,495
259 miles



Nissan Leaf
\$28,140
150-215 miles



Tesla Model 3
\$29,990
298-346 miles



Tesla Model Y
\$31,490
277-337 miles



Hyundai Kona EV
\$32,875
200-261 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



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



Ford Mustang Mach-E
\$42,585
230-300 miles



Kia EV6
\$42,600
206-310 miles



**Mini Countryman
SE ALL4**
\$45,200
212 miles



Genesis GV60
\$52,350
235-294 miles



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



Volvo XC40 Recharge
\$53,745
254-293 miles

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

*Currently selling 2023 and prior models only



All-Electric Vehicles

sorted by price, low to high



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



BMW i4
\$57,900
301-307 miles



Cadillac Lyriq
\$59,990
319-326 miles



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



Polestar 2
\$64,800
254 miles



Lucid Air
\$69,900
406-512 miles



Rivian R1T
\$69,900
258-320 miles



Chevrolet Silverado EV
\$75,195
390-460 miles



Rivian R1S
\$75,900
270-410 miles

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

EV Support Program

Plug In America's EV Support Program can answer all of your EV-related questions about charging, incentives, and more one-on-one. Email us at support@pluginamerica.org or call 1-877-EV-HELP-1.



Incentives

Many electric vehicles are eligible for a federal tax credit of up to \$7,500. Additional incentives may be available in your area from your state, utility provider or another entity. Visit [PlugStar.com](https://www.plugstar.com) to learn more.



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
40 / 600
electric total miles



Kia Niro PHEV
\$34,490
33 / 500
electric total miles



Hyundai Tucson
Plug-In Hybrid
\$39,630
33 / 420
electric total miles



Kia Sportage Plug-In
Hybrid
\$39,890
30 / 440
electric total miles



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



Ford Escape PHEV
\$40,500
37 / 520
electric total miles



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



Kia Sorento Plug-In
\$47,990
30 / 440
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



Volvo S60 Recharge
\$53,295
41 / 530
electric total miles



Lincoln Corsair Grand
Touring
\$53,925
28 / 430
electric total miles



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



BMW 550e
\$73,400
33 / 420
electric total miles

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

Charging

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).



Used Electric Vehicles

Used EVs can be a more economical option. Learn more by downloading our Used EV Buyer's Guide on [PlugInAmerica.org](https://www.PlugInAmerica.org).



This guide includes a sampling of vehicles available as of February 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.