

EV Charging 101



Electric Vehicle Guide

Compare vehicles online at 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



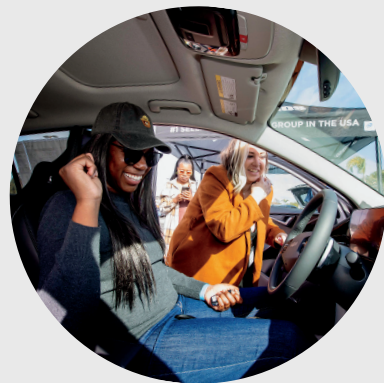
CHAdeMo



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

PlugStar.com | DriveElectricMonth.org | 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 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..



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)



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.