

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 the vehicle:



CCS Combo



CHAdeMo



Tesla
Supercharger/
NACS



20% to 80%
in 20-30 minutes



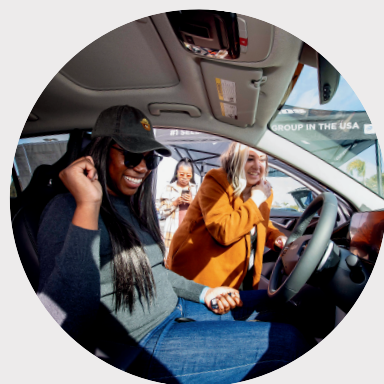
EDUCATE | ADVOCATE | RESEARCH

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



Chevrolet Bolt
\$27,600
262 miles



Nissan LEAF
\$29,990
259-303 miles



Toyota bZ
\$34,900
236-314 miles



Chevy Equinox
\$34,995
307-319 miles



Subaru Uncharted
\$34,995
273-308 miles



Hyundai Ioniq 5
\$35,000
245-318 miles



Tesla Model 3
\$36,990
309-363 miles



Ford Mustang Mach-E
\$37,795
240-320 miles



Toyota C-HR
\$37,000
273-287 miles



Kia EV6
\$37,900
237-319 miles



Subaru Solterra
\$38,495
278-288 miles



Tesla Model Y
\$39,990
294-357 miles



Subaru Trailseeker
\$39,995
274-281 miles



Rivian R2
\$44,990
275-330 miles



VW ID.4
\$45,095
263-291 miles



Lexus RZ
\$46,000
229-301 miles

Additional all-electric and plug-in hybrid vehicles ➔



All-Electric Vehicles

sorted by price, low to high



Mercedes-Benz CLA
\$47,950
312-374 miles



Audi Q4 E-Tron
\$50,600
251-288 miles



Genesis GV60
\$52,525
252-306 miles



Kia EV9
\$54,900
230-305 miles



Chevrolet Silverado EV
\$55,895
283-478 miles



BMW i4
\$57,900
232-333 miles



Hyundai Ioniq 9
\$58,995
311-335 miles



Cadillac LYRIQ
\$59,200
285-326 miles



Lucid Air
\$70,900
420-512 miles



Lucid Gravity
\$79,900
337-450 miles



Rivian R1T
\$79,990
329-420 miles



Rivian R1S
\$83,990
329-410 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



Toyota Prius Plug-In Hybrid
\$33,775
44 / 600
electric total miles



Hyundai Tucson
\$40,325
32 / 420
electric total miles



Kia Sportage Plug-In Hybrid
\$40,490
34 / 470
electric total miles



Toyota RAV4 Plug-In Hybrid
\$41,500
52 / 600
electric total miles



Mitsubishi Outlander
\$43,245
45 / 420
electric total miles



Nissan Rogue Plug-In Hybrid
\$45,990
38 / 420
electric total miles



Kia Sorento
\$48,290
31 / 440
electric total miles



Mazda CX-90
\$50,695
27 / 500
electric total miles



Mercedes-Benz GLC 350e
\$60,300
54 / 380
electric total miles



Volvo XC60 Plug-In Hybrid
\$62,545
35 / 560
electric total miles



Lexus RX 450h+
\$65,230
38 / 540
electric total miles



Volvo XC90 Plug-In Hybrid
\$77,595
32 / 530
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
255 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 2026. 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.