EV Charging 101



Electric Vehicle Guide

Compare vehicles online at PlugStar.com



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)



240 VOLT OUTLET

- Faster charging for longer drives
- Provides a full charge for most EVs in:



4-8 hours charge



1-2 hours empty to full charge



Gain 25 miles of range per hour of charging

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



160 miles in 20 minutes



CHAdeMO 67 miles in 30 minutes



200 miles

in 20 minutes

Tesla Supercharger

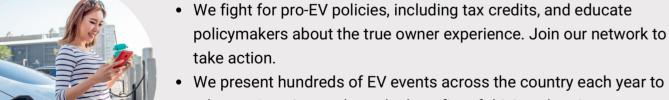


in 30-40 minutes



EDUCATE | ADVOCATE | RESEARCH

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



- 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

PlugStar.com | DriveElectricWeek.org | DriveElectricEarthDay.org



All-Electric Vehicles sorted by price, low to high



Chevy Bolt EV/EUV \$26,595 **259 miles**



Nissan Leaf \$29,135 149-212 miles



Hvundai Kona EV \$35,245 258 miles



VW ID.4 \$38,790 209-275 miles



Kia Niro EV \$40,745 253 miles



Hyundai IONIQ 5 \$42,745 220-303 miles



Toyota BZ₄X \$43,335 **222-252 miles**



Tesla Model 3 \$42,990 272-358 miles



Nissan Ariya \$47,190 216-304 miles



Ford Mustang Mach E \$48,195 247-314 miles



Kia EV6 \$49,795 206-310 miles



Polestar 2 \$49,800 260-270 miles



Audi Q4 E-Tron \$50,995 236-265 miles



BMW i4 \$52,395 227-301 miles



Volvo XC40 Recharge \$54,645 226 miles



Tesla Model Y \$54,990 303-330 miles

Additional all-electric and plug-in hybrid vehicles inside







Plug-In Hybrid Vehicles

sorted by price, low to high





Mercedes-Benz EQB \$55,550 **227 miles**



Ford F-150 Lightning \$59,014 230-320 miles



Cadillac Lvrig \$60,000 312 miles



Tovota Prius Prime \$29,865 25 / 640



Kia Niro PHEV \$35,035

33 / 510

Mitsubishi Outlander

PHEV

\$39,845

38 / 420



Hvundai Tucson **Plug-In Hybrid** \$36,695

33 / 420



17 / 480



Ford Escape PHEV \$40,640

37 / 520



Hvundai Santa Fe **Plug-In Hybrid** \$41,295

31 / 440



MINI Countryman Cooper SE \$47,125

18 / 300



Chrysler Pacifica Hybrid \$49,323

32 / 520



\$52,900





\$54,345 **28** / 430



Jeep Grand Cherokee 4xe \$62,155

26 / 470



Genesis GV60 \$60,385 235-248 miles

Rivian R1S

\$78,000

289-321 miles

EV Support Program

Plug In America's EV

Support Program can

answer all of your EV-

one. Email us at

related questions one on

support@pluginamerica.org

or call 1 (877) EV-HELP-1.



Audi E-Tron \$72,590 226 miles

BMW iX

\$85,095

288-324 miles

Find more all-electric vehicles at PlugStar.com



Rivian R₁T \$73,000 289-328 miles

Lucid Air

\$89,050

384-520 miles



Kia Sportage Plug-In

Hybrid

\$39,785

34 / 430

Toyota RAV4 Prime \$43,675 42 / 600

Kia Sorento Plug-In

\$51,185

32 / 460



BMW 330e



\$45,895 23 / 320









\$58,495



Volvo XC60 Recharge



This guide includes vehicles available as of February 2023. 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** for

updated information.



find public charging in

your area at PlugStar.com.



回捻线回

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 to learn more.



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.



Jeep Wrangler 4xe \$55,530 **22** / 370



Lexus NX450h+ \$58,205

Volvo S60 Recharge

\$52,345

40 / 530