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:



CCS Combo Up to 160 miles in 20 minutes



CHAdeMO Up to 67 miles in 30 minutes



Tesla Supercharger 200 miles

in 20 minutes



in 30-40 minutes

Plug In America





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

PlugStar.com | DriveElectricWeek.org | DriveElectricEarthMonth.org



All-Electric Vehicles



Chevy Bolt EV*/EUV* \$26,500 259 miles



Nissan Leaf \$28,140 149-212 miles



Hvundai Kona EV \$34,010 258 miles



Tesla Model 3 \$38,990 272-358 miles



Kia Niro EV \$39,600 253 miles



VW ID.4 \$41,000 209-275 miles



Hyundai IONIQ 5 \$41,800 220-303 miles



Tovota bZ4X \$43,070 **222-252 miles**



Nissan Ariva \$43,190 216-304 miles



Ford Mustang Mach-E \$43,495 247-314 miles



Kia EV6 \$43,975 206-310 miles



Tesla Model Y \$43,990 279-330 miles



Subaru Solterra \$44,995 222-228 miles



Audi Q4 E-Tron \$49,800 236-265 miles



Polestar 2 \$49,900 260-270 miles



\$49,995 230-320 miles

Additional all-electric and plug-in hybrid vehicles inside







Plug-In Hybrid Vehicles

sorted by price, low to high



This guide includes a

sampling of vehicles

available as of

February 2024. All

prices are starting

MSRP. Models. MSRP.

are subject to change. Not all vehicles are

available in all states.

vary by vehicle and

conditions. Visit

PlugStar.com for updated information.

Vehicle charging rates

and range numbers



BMW i4 \$52,200 **227-301 miles**



Mercedes-Benz EQB \$52,750 245 miles



Genesis GV60 \$53,195 235-248 miles



Subaru Crosstrek Hybrid \$24,995 **17** / 480

\$32,975 39 / 600

Toyota Prius Prime



Kia Niro PHEV \$34,390 31 / 510



Kia Sportage Plug-In Hybrid \$38,590

34 / 430



Volvo XC40 Recharge \$53,745 226 miles



Cadillac Lyriq \$57,195 314 miles



Lucid Air \$78,975 411-520 miles



Hyundai Tucson Plug-In Hybrid \$38,725 33 / 420



Mitsubishi Outlander **PHEV** \$40,345 38 / 420



Ford Escape PHEV \$40,500 **37** / 520



Hvundai Santa Fe Plug-In Hybrid \$42,410

36 / 440



Rivian R₁T \$79,000 270-400 miles



Rivian R1S \$84,000 260-390 miles



BMW iX \$87,100 288-307 miles



MINI Countryman PHEV \$42,700



Toyota RAV4 Prime \$43,690 42 / 600



Audi Q5 PHEV \$44,200 **25** / 390



BMW 330e \$45,600

22 / 320

Find more all-electric vehicles at 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 to learn more.





Kia Sorento Plug-In \$49,990 **32** / 460



Volvo S60 Recharge \$51,950 41 / 530



Chrysler Pacifica Hybrid \$53,425 32 / 520



Lincoln Corsair Grand Touring \$53,925

28 / 430

Find more plug-in hybrids at PlugStar.com

Charging

Get equipped for charging at home and find a qualified electrician. Plus, find public charging in your area at 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.

