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)



240-VOLT OUTLET

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



4-8 hours empty to full 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 67 miles in 30 minutes



Tesla Supercharger 200 miles

in 20 minutes



o to 80%

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





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



Nissan Leaf \$28,140 149-212 miles



Mini SE Hardtop \$30,900 114 miles



Hyundai Kona EV \$32,675 258 miles



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



Nissan Ariya \$39,590 216-304 miles



VW ID.4 \$39,735 209-275 miles



Kia Niro EV \$39,900 253 miles



Ford Mustang Mach-E \$39,995 **247-314 miles**



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



Kia EV6 \$42,600 206-310 miles



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



Tesla Model Y \$44,990 279-330 miles



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



Polestar 2 \$49,900 260-270 miles



Genesis GV60 \$52,000 235-248 miles

Additional all-electric and plug-in hybrid vehicles inside







Plug-In Hybrid Vehicles

sorted by price, low to high





BMW i4 \$52,200 227-301 miles



Volvo XC40 Recharge \$52,450 226 miles



Mercedes-Benz EQB \$53,050 245 miles



Toyota Prius Prime \$32,975





Kia Niro PHEV \$34,390

31 / 510

Mitsubishi Outlander

PHEV

\$40,345

38 / 420



Hvundai Tucson Plug-In Hybrid \$38,725

33 / 420



Mini Countryman SE All4 \$38,900

12 / 270



Ford Escape PHEV \$40,500

37 / 520

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

36 / 440



Lucid Air

\$69,900

411-520 miles



\$74,900

Cadillac Lyriq

\$57,195

314 miles



Rivian R₁T

\$69,900

270-400 miles

Chevrolet Silverado EV \$94,500 260-390 miles 440 miles



Kia Sportage Plug-In

Hybrid

\$39,590

34 / 430

Toyota RAV4 Prime \$43,690

42 / 600



Audi Q5 PHEV \$45,300 390



BMW 330e \$45,600 **22** / 320



Mazda CX-90 \$49,945 26 / 490



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 \$50,290

32 / 460



Chrysler Pacifica Hybrid \$51,055

32 / 520



Volvo S60 Recharge \$51,950

41 / 530



Lincoln Corsair Grand Touring \$54,025

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.





available in all states.

Vehicle charging rates

This guide includes a

sampling of vehicles

2024. All prices are

Models, MSRP, and

range numbers are

subject to change. Not all vehicles are

starting MSRP.

available as of August