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 Plug In Hybrids (PHEVs)

240 VOLT OUTLET

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



4-8 hours empty to full charge



2-6 hours empty to full charge



40 miles

overnight



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



CCS Combo 160 miles in 20 minutes



CHAdeMO Up to 67 miles in 30 minutes



200 miles

Tesla Supercharger

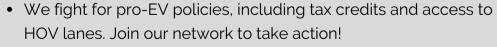
in 20 minutes



@PlugInAmerica

The voice of the EV driver

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



- 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.

PlugStar.com · DriveElectricWeek.org · DriveElectricEarthDay.org







Lucid Air \$89,050 406-515 miles



Tesla Model S \$106,440 375-405 miles



Tesla Model 3 \$48,440 272-358 miles



Tesla Model X \$122,440 311-351 miles



Mercedes-Benz EQS \$102,310 277-350 miles



Tesla Model Y \$67,440 303-330 miles



BMW iX \$85,095 288-324 miles



\$39,974 230-320 miles



Ford Mustang Mach-E \$43,895 247-314 miles



Rivian R₁T \$67,500 314 miles



Kia EV6 \$42,695 MSRP 274-310 miles



Hyundai IONIQ 5 \$44,295 256-303 miles



BMW ia \$56,895 270-301 miles



Volkswagen ID.4 \$41,230 249-275 miles



Polestar 2 \$49,800 260-270 miles



Chevrolet Bolt EV \$31,500 259 miles

Additional all-electric and plug-in hybrid vehicles inside







Plug-In Hybrid Vehicles





This guide includes

vehicles available as

of July 2022. 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.



Hyundai Kona Electric \$35,295 258 miles



Genesis GV60 \$60,950 235-248 miles



Audi Q4 E-Tron \$44,995 **241 miles**



Karma GS-6 \$93,150 80 / 360



Toyota RAV4 Prime \$41,325 42 / 590



Volvo S60 Recharge **Extended Range** \$52,295



Volvo Xc90 Recharge

Extended Range

\$71,900



Ford Escape PHEV \$35,455

37 / 520



Kia Niro EV \$39,990 239 miles



Audi E-Tron GT \$103,895 238 miles



Jaquar I-Pace \$71,300 234 miles



Lexus NX450h+ \$58,520 37 / 590



Volvo XC60 Recharge **Extended Range** \$57,200 MSRP

36 / 560

Chrysler Pacifica

PHEV

\$46,970

32 / 520



Hyundai Santa Fe Plug-In Hybrid \$41,295

30 / 440



Hyundai Tucson Plug-In Hybrid \$36,695

33 / 420



BMW X5 xDrive 45e \$66,695

31 / 400



Porsche Taycan \$86,700 200-227 miles



Volvo C40 Recharge \$59,84 226 miles



Nissan Leaf \$27,800 149-212 miles

Plug In America offers many EV resources!

EV Support Program

Plug In America's EV Support Program can answer all of your EVrelated questions. Email us support@pluginamerica.org

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



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!



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 great option, given the fewer moving parts. Download our Used EV Buyer's Guide on PlugInAmerica.org.





Kia Sorento Plug-In

Hvbrid

\$46,385

32 / 460

Lincoln Corsair Grand Touring PHEV \$51,485 28 / 560



Jeep Grand Cherokee 4xe \$60,695 25 / 470



Kia Niro Plug-In Hvbrid \$29,590 26 / 560



Audi Q5 55 TFSIe **PHEV** \$52,900 23 / 390



Audi A7 55 TFSIe PHEV \$77,590 26 / 410



Jeep Wrangler 4xe \$54,595



Toyota Prius Prime \$29,625

25 / 640



Subaru Crosstrek Hybrid \$36,845 **17** / 480

Find more plug-in hybrids at PlugStar.com!