

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

- 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 vehicle:



CCS Combo
Up to
160 miles
in 20 minutes



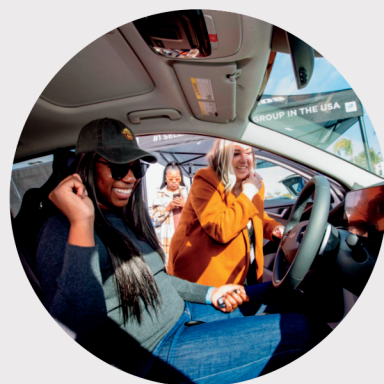
CHAdeMO
Up to
67 miles
in 30 minutes



Tesla Supercharger
Up to
200 miles
in 20 minutes



0 to 80%
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.

- 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



@PlugInAmerica

PlugStar.com | DriveElectricWeek.org | DriveElectricEarthDay.org



All-Electric Vehicles

sorted by price, low to high



Chevy Bolt EV/EUV
\$25,600
259 miles



Nissan Leaf
\$28,040
149-212 miles



Hyundai Kona EV
\$34,000
258 miles



VW ID.4
\$38,995
209-275 miles



Kia Niro EV
\$39,900
253 miles



Tesla Model 3
\$40,240
272-358 miles



Hyundai IONIQ 5
\$41,450
220-303 miles



Toyota BZ4X
\$42,000
222-252 miles



Kia EV6
\$42,600
206-310 miles



Ford Mustang Mach E
\$42,995
247-314 miles



Nissan Ariya
\$43,190
216-304 miles



Subaru Solterra
\$44,995
222-228 miles



Tesla Model Y
\$47,740
279-330 miles



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



Polestar 2
\$49,900
260-270 miles



Ford F-150 Lightning
\$49,995
230-320 miles

Additional all-electric and plug-in hybrid vehicles inside ➔



All-Electric Vehicles

sorted by price, low to high



BMW i4
\$52,200
227-301 miles



Mercedes-Benz EQB
\$52,750
245 miles



Volvo XC40 Recharge
\$53,550
226 miles



Cadillac Lyriq
\$58,590
314 miles



Genesis GV60
\$60,415
235-248 miles



Rivian R1T
\$73,000
270-400 miles



Rivian R1S
\$78,000
260-390 miles



BMW iX
\$87,100
288-307 miles



Lucid Air
\$87,400
41-520 miles

Find more all-electric vehicles at [PlugStar.com](https://www.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](https://www.PlugStar.com) to learn more.



Plug-In Hybrid Vehicles

sorted by price, low to high



Subaru Crosstrek Hybrid
\$24,995
17 / 480
electric total miles



Toyota Prius Prime
\$32,350
39 / 600
electric total miles



Kia Niro PHEV
\$33,840
31 / 510
electric total miles



Hyundai Tucson Plug-In Hybrid
\$37,500
33 / 420
electric total miles



Kia Sportage Plug-In Hybrid
\$38,690
34 / 430
electric total miles



Mitsubishi Outlander PHEV
\$39,845
38 / 420
electric total miles



Ford Escape PHEV
\$40,500
37 / 520
electric total miles



Hyundai Santa Fe Plug-In Hybrid
\$42,410
31 / 440
electric total miles



MINI Countryman PHEV
\$42,700
17 / 300
electric total miles



Toyota RAV4 Prime
\$43,090
42 / 600
electric total miles



Audi Q5 PHEV
\$44,200
25 / 390
electric total miles



BMW 330e
\$45,600
22 / 320
electric total miles



Kia Sorento Plug-In
\$49,990
32 / 460
electric total miles



Chrysler Pacifica Hybrid
\$51,095
32 / 520
electric total miles



Volvo S60 Recharge
\$51,250
41 / 530
electric total miles



Lincoln Corsair Grand Touring
\$53,885
28 / 430
electric total miles

Find more plug-in hybrids at [PlugStar.com](https://www.PlugStar.com)

Charging

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).



Used Electric Vehicles

Used EVs can be a more economical option, given the fewer moving parts. Download our Used EV Buyer's Guide on [PlugInAmerica.org](https://www.PlugInAmerica.org).



This guide includes a sampling of vehicles available as of August 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](https://www.PlugStar.com) for updated information.