

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



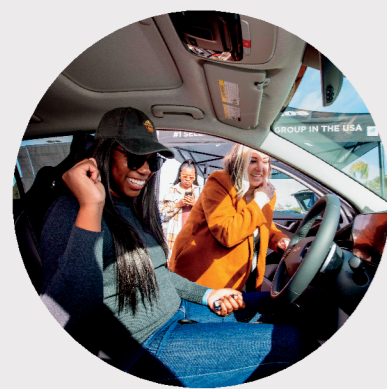
0 to 80%
in 30-40 minutes



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.



@PlugInAmerica

Join the movement at PlugInAmerica.org

PlugStar.com | DriveElectricWeek.org | DriveElectricEarthMonth.org



All-Electric Vehicles

sorted by price, low to high



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 Ioniq 5
\$41,800
220-303 miles



Kia EV6
\$42,600
206-310 miles



Toyota 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

*Currently selling 2023 models only



All-Electric 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



Ford F-150 Lightning
\$54,995
230-320 miles



Cadillac Lyriq
\$57,195
314 miles



Rivian R1T
\$69,900
270-400 miles



Lucid Air
\$69,900
411-520 miles



Rivian R1S
\$74,900
260-390 miles



Chevrolet Silverado EV
\$94,500
440 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



Toyota Prius Prime
\$32,975
39 / 600
electric total miles



Kia Niro PHEV
\$34,390
31 / 510
electric total miles



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



Mini Countryman SE All4
\$38,900
12 / 270
electric total miles



Kia Sportage Plug-In Hybrid
\$39,590
34 / 430
electric total miles



Mitsubishi Outlander PHEV
\$40,345
38 / 420
electric total miles



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



Hyundai Santa Fe Plug-In Hybrid
\$42,410
36 / 440
electric total miles



Toyota RAV4 Prime
\$43,690
42 / 600
electric total miles



Audi Q5 PHEV
\$45,300
25 / 390
electric total miles



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



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



Kia Sorento Plug-In
\$50,290
32 / 460
electric total miles



Chrysler Pacifica Hybrid
\$51,055
32 / 520
electric total miles



Volvo S60 Recharge
\$51,950
41 / 530
electric total miles



Lincoln Corsair Grand Touring
\$54,025
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. Learn more by downloading our Used EV Buyer's Guide on [PlugInAmerica.org](https://www.pluginamerica.org).



This guide includes a sampling of vehicles available as of August 2024. 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.