



# CONSUMER GUIDE TO **ELECTRIC VEHICLES**

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## CONSUMER GUIDE TO **ELECTRIC VEHICLES**

### WHY BUY AN ELECTRIC CAR?

Electric vehicles (EVs) are fun to drive, safe, comfortable, and convenient to refuel. They also cost less to operate per mile and produce no tailpipe emissions.

Today's electric cars do everything a gas car can do and more. Most are high-performing vehicles with silent torque and superb handling and can travel ~250 miles on a charge (many can go farther).

Although most EV drivers prefer to charge at home for its convenience and savings, a growing national network of public charging sites enables more consumers—even those who can't plug in at home—to consider purchasing an EV.

From initial vehicle manufacturing to vehicle retirement, EVs emit 64% less in greenhouse gases on average than traditional gas-powered vehicles do.<sup>1</sup> Because EVs are powered by electricity instead of gasoline, they shift our energy reliance to domestic sources while also reducing emissions. Cutting vehicle emissions is especially critical in communities adjacent to heavily trafficked roadways. As local power generation grows cleaner, every electric car charged on that grid gets cleaner too which further increases broader public health and climate benefits.

Compared to the traditional ICE vehicle market, the EV market is relatively new, and therefore still developing. Over time, the used EV market will grow and a wider variety of households will be able to take advantage of the EV market.



<sup>1</sup> Woody, M., Vaishnav, P., Keoleian, G. A., De Kleine, R., Kim, H. C., Anderson, J. E., & Wallington, T. J. (2022). The role of pickup truck electrification in the decarbonization of light-duty vehicles. *Environmental Research Letters*, 17(3), 034031.

# EV 101

This guide highlights the two types of EVs that plug into the grid to recharge their batteries: **battery-electric vehicles** and **plug-in hybrids**.



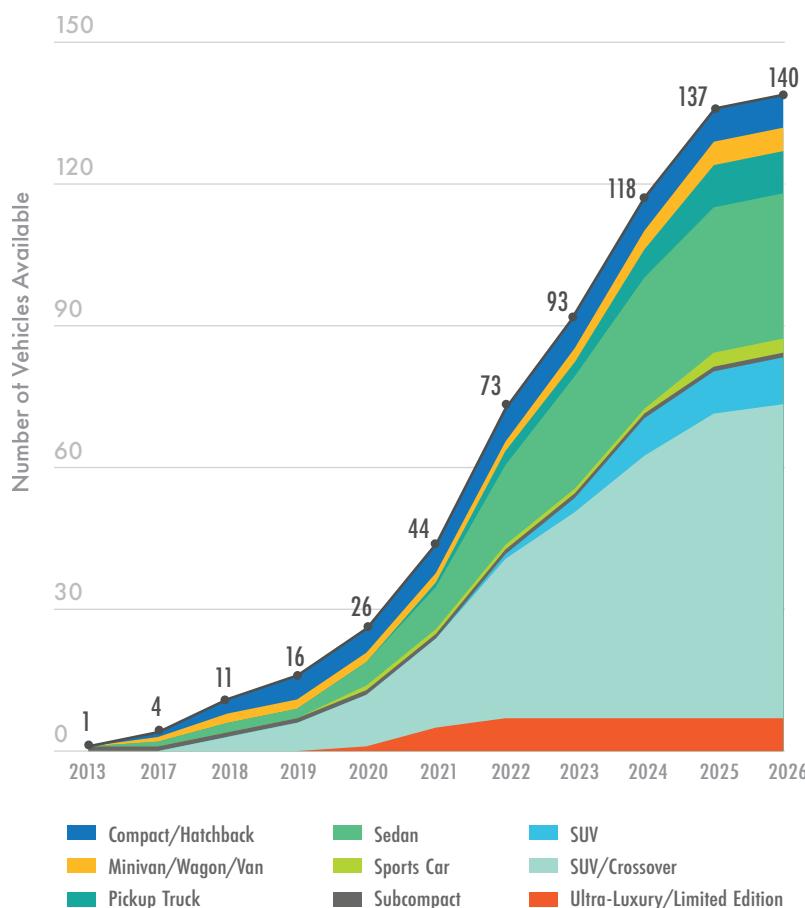
**ALL-ELECTRIC VEHICLES** are powered solely by an electric motor and battery. They burn no gasoline or diesel fuel and have no tailpipe emissions. Battery technology is rapidly advancing, vehicle costs are declining, and range between charges is increasing.



**PLUG-IN HYBRIDS** pair an electric motor and battery with an internal-combustion engine. Plug-in hybrids drive on electricity until the battery is mostly empty. Once this occurs, the engine turns on and the car drives like a conventional hybrid.

**Conventional hybrids**, sometimes called “electrified vehicles,” refuel only with gasoline. Because they do not plug in, they are not included in this guide.

**FIGURE 1: VEHICLE AVAILABILITY THROUGH 2026**



Electric cars are available in almost all body styles, from sedans to SUVs, hatchbacks to wagons. Each year, automakers expand their offerings. Some offer gasoline, battery- electric, and plug-in hybrid options in the same model. Many now say they aspire to electrify their entire fleet in response to global climate change. EV range is increasing, and costs are falling thanks to better batteries and components and to rising production volumes.

Based on EPRI’s analysis of automaker announcements, the average range of all-electric vehicles through 2021 was 289 miles. This will increase to 295 miles through 2025.

In response, US consumers are warming up to EVs, and sales have continued to rise. Almost 50 EV models are available new today, and more than 130 different models are expected by 2025 (Figure 1). All EVs are available nationwide. ZEV states however, typically have more inventory in their local dealerships than non-ZEV states.



## BATTERY-ELECTRIC CARS

| VEHICLE MODEL                    | ELECTRIC RANGE (mi) | PAGE |
|----------------------------------|---------------------|------|
| <b>SUV/Crossover</b>             |                     |      |
| Acura ZDX                        | 300                 | 6    |
| Audi Q4 e-tron quattro           | 241                 | 6    |
| Audi Q4 e-tron Sportback quattro | 241                 | 7    |
| Audi Q6 e-tron                   | 307                 | 7    |
| Audi Q6 e-tron Sportback         | TBA                 | 7    |
| Audi Q8 e-tron                   | 285                 | 7    |
| Audi Q8 e-tron Sportback         | 300                 | 8    |
| BMW iX                           | 281                 | 8    |
| Cadillac Escalade IQ             | 460                 | 8    |
| Cadillac Lyriq                   | 300                 | 8    |
| Cadillac Optiq                   | 300                 | 9    |
| Cadillac Vistiq                  | 300                 | 9    |
| Chevrolet Blazer EV              | 283                 | 9    |
| Chevrolet Equinox EV             | 319                 | 9    |
| Ford Mustang Mach-E AWD          | 250-320             | 10   |
| Genesis GV60                     | 235-294             | 10   |
| Genesis GV90                     | 300                 | 10   |
| GMC Hummer EV SUV                | 303-314             | 10   |
| Honda Prologue                   | 296                 | 11   |
| Hyundai Ioniq 5                  | 260-303             | 11   |
| Hyundai Ioniq 5 N                | 221                 | 11   |
| Hyundai Ioniq 9                  | 300                 | 11   |
| Jaguar I-Pace                    | 246                 | 12   |
| Jeep Wagoneer S                  | 300                 | 12   |
| Kia EV3                          | 350                 | 12   |
| <b>SUV/Crossover</b>             |                     |      |
| Kia EV6                          | 230-310             | 12   |
| Kia EV9                          | 304                 | 13   |
| Land Rover Range Rover BEV       | 300                 | 13   |
| Lexus RZ 450e                    | 266                 | 13   |
| Lucid Motors Gravity             | 440                 | 13   |
| Mercedes-Benz EQB                | 251                 | 14   |
| Mercedes-Benz EQC                | 259                 | 14   |
| Mercedes-Benz EQE SUV            | 307                 | 14   |
| Mercedes-Benz EQS SUV            | 339                 | 14   |
| Mini Countryman BEV              | 230                 | 15   |
| Nissan Ariya                     | 216-304             | 15   |
| Polestar 3                       | 315                 | 15   |
| Polestar 4                       | 300                 | 15   |
| Porsche Macan EV                 | 250                 | 16   |
| Rivian R1S                       | 410                 | 16   |
| Rivian R2                        | 300                 | 16   |
| Subaru Solterra                  | 227                 | 17   |
| Tesla Model X                    | 335                 | 17   |
| Tesla Model Y                    | 260-320             | 17   |
| Toyota bZ4X                      | 252                 | 18   |
| Volkswagen ID.4                  | 291                 | 18   |
| Volvo C40 Recharge               | 297                 | 18   |
| Volvo EX30                       | 275                 | 19   |
| Volvo EX90                       | 308                 | 19   |
| Volvo XC40 Recharge              | 293                 | 19   |

Range for battery-electric vehicles is all-electric range. Range for plug-in hybrids is all-electric/combined (electric + gas) range. **Sources:** [www.fueleconomy.gov](http://www.fueleconomy.gov) and manufacturer websites.

| VEHICLE MODEL                                 | ELECTRIC RANGE (mi) | PAGE |
|---|---------------------|------|
| <strong>SEDAN</strong>                        |                     |      |
| Audi A6 e-tron                                | 388                 | 20   |
| Audi e-tron GT                                | 249                 | 20   |
| BMW i4  | 301                 | 20   |
| BMW i5  | TBD                 | 21   |
| BMW i7  | 300                 | 21   |
| Dodge Charger EV                              | 350                 | 21   |
| Genesis Electrified G80                       | 282                 | 22   |
| Hyundai Ioniq 6                               | 240-361             | 22   |
| Mercedes-Benz EQS                             | 352                 | 22   |
| Polestar 2                                    | 247-320             | 23   |
| Tesla Model 3                                 | 272-363             | 23   |
| Tesla Model S                                 | 402                 | 23   |
| <strong>MINIVAN/WAGON/VAN</strong>            |                     |      |
| Ford E-Transit                                | 159                 | 24   |
| Mercedes-Benz eSprinter                       | 206                 | 24   |
| Volkswagen ID.BUZZ                            | 242                 | 24   |
| <strong>PICKUP TRUCK</strong>                 |                     |      |
| Chevrolet Silverado EV                        | 440                 | 25   |
| Ford F-150 Lightning                          | 240-320             | 25   |
| GMC Hummer EV Pickup                          | 314                 | 25   |
| GMC Sierra EV Denali                          | 440                 | 25   |
| Ram 1500 REV                                  | 500                 | 26   |
| Rivian R1T                                    | 420                 | 26   |
| Tesla Cybertruck                              | 340                 | 26   |
| <strong>SPORTS CAR</strong>                   |                     |      |
| Porsche 718 Boxster EV                        | 250+                | 27   |
| Porsche 718 Cayman EV                         | 250+                | 27   |
| Porsche Taycan                                | 274                 | 27   |
| <strong>ULTRA-LUXURY/LIMITED EDITION</strong> |                     |      |
| Lucid Air Dream AWD                           | 451                 | 28   |
| Porsche Taycan 4 Cross Turismo                | 277                 | 28   |
| Porsche Taycan Turbo                          | 275                 | 28   |
| <strong>COMPACT/HATCHBACK</strong>            |                     |      |
| Fiat 500e                                     | 162                 | 28   |
| Hyundai Kona Electric                         | 200-261             | 29   |
| Kia Niro EV                                   | 253                 | 29   |
| Mini Cooper SE                                | 114                 | 29   |
| Nissan LEAF Plus                              | 212                 | 29   |

Range for battery-electric vehicles is all-electric range. Range for plug-in hybrids is all-electric/combined (electric + gas) range. **Sources:** [www.fueleconomy.gov](http://www.fueleconomy.gov) and manufacturer websites.



# PLUG-IN HYBRID CARS

## VEHICLE MODEL

## ELECTRIC RANGE (mi)

## ELECTRIC + GAS (mi)

## PAGE

### SUV/CROSSOVER

|                                   |    |     |    |
|-----------------------------------|----|-----|----|
| Alfa Romeo Tonale                 | 33 | 320 | 30 |
| Audi Q5 TFSI e                    | 23 | 390 | 30 |
| BMW X5 xDrive50e                  | 40 | 400 | 31 |
| Dodge Hornet R/T                  | 32 | 360 | 31 |
| Hyundai Tucson PHEV               | 33 | 420 | 31 |
| Jeep Grand Cherokee 4xe           | 25 | 470 | 32 |
| Jeep Wrangler 4xe                 | 22 | 370 | 32 |
| Kia Sorento PHEV                  | 30 | 460 | 32 |
| Kia Sportage PHEV                 | 34 | 430 | 32 |
| Land Rover Range Rover PHEV       | 53 | 480 | 33 |
| Land Rover Range Rover Sport PHEV | 53 | 480 | 33 |
| Lexus NX 450h+                    | 37 | 550 | 33 |
| Lexus RX 450h+                    | 37 | 500 | 33 |
| Lexus TX 550h+                    | 33 | 450 | 34 |
| Lincoln Corsair Grand Touring     | 27 | 420 | 34 |
| Mazda CX-70                       | 26 | 490 | 34 |
| Mazda CX-90                       | 26 | 490 | 34 |
| Mercedes-Benz GLE 350e            | 54 | TBA | 35 |
| Mercedes-Benz GLE 450e            | 49 | 412 | 35 |
| Mini Countryman All4 PHEV         | 12 | 270 | 35 |
| Mitsubishi Outlander PHEV         | 38 | 420 | 35 |
| Porsche Cayenne E-Hybrid          | 17 | 430 | 36 |
| Porsche Cayenne E-Hybrid Coupe    | 17 | 430 | 36 |
| Subaru Crosstrek Hybrid           | 17 | 480 | 36 |
| Toyota RAV4 Prime                 | 42 | 600 | 37 |
| Volvo XC60 Recharge PHEV          | 35 | 560 | 37 |
| Volvo XC90 Recharge PHEV          | 32 | 530 | 37 |

Range for battery-electric vehicles is all-electric range. Range for plug-in hybrids is all-electric/combined (electric + gas) range. Sources: [www.fueleconomy.gov](http://www.fueleconomy.gov) and manufacturer websites.

| VEHICLE MODEL                          | ELECTRIC RANGE (mi) | ELECTRIC + GAS (mi) | PAGE |
|--|---------------------|---------------------|------|
| <b>SEDAN</b>                           |                     |                     |      |
| Audi A7 TFSI e                         | 26                  | 410                 | 38   |
| BMW 330e                               | 23                  | 320                 | 38   |
| BMW 530e                               | 21                  | 350                 | 38   |
| BMW 550e xDrive                        | TBA                 | TBA                 | 38   |
| BMW 745e xDrive                        | 16                  | 290                 | 39   |
| BMW 750e xDrive                        | 36                  | 470                 | 39   |
| Porsche Panamera 4 E-Hybrid            | 19                  | 480                 | 39   |
| Volvo S90 Recharge PHEV                | 38                  | 520                 | 39   |
| <b>MINIVAN/WAGON/VAN</b>               |                     |                     |      |
| Chrysler Pacifica Hybrid               | 32                  | 520                 | 40   |
| Volvo V60 Recharge PHEV                | 41                  | 530                 | 40   |
| <b>PICKUP TRUCK</b>                    |                     |                     |      |
| Jeep Gladiator 4xe                     | 21                  | 370                 | 40   |
| Ram 1500 Ramcharger                    | 145                 | 690                 | 40   |
| <b>ULTRA-LUXURY/LIMITED EDITION</b>    |                     |                     |      |
| Ferrari SF90 Stradale Coupe            | 9                   | 330                 | 41   |
| Porsche Cayenne Turbo S E-Hybrid       | 15                  | 370                 | 41   |
| Porsche Cayenne Turbo S E-Hybrid Coupe | 15                  | 370                 | 41   |
| Porsche Panamera Turbo S E-Hybrid      | 31                  | 430                 | 41   |
| <b>COMPACT/HATCHBACK</b>               |                     |                     |      |
| Ford Escape PHEV                       | 37                  | 530                 | 42   |
| Kia Niro PHEV                          | 33                  | 560                 | 42   |
| Toyota Prius Prime                     | 44                  | 600                 | 42   |

Range for battery-electric vehicles is all-electric range. Range for plug-in hybrids is all-electric/combined (electric + gas) range. Sources: [www.fueleconomy.gov](http://www.fueleconomy.gov) and manufacturer websites.



## BATTERY-ELECTRIC CARS

- Battery-electric cars available as of August 2024; discontinued models or older model years may still be available, and some 2025 model years are already available.
- Range sources: [www.fueleconomy.gov](http://www.fueleconomy.gov) and automaker specifications.
- Range can vary is impacted by driving conditions such as climate, topography, and traffic.
- Range per hour of charging assumes home or workplace Level 2 charging (i.e., 240V).
- Fast-charging times are provided by automakers or calculated from automaker statements. These rates vary due to many factors, including battery charge level and ambient temperature.
- Starting manufacturer suggested retail price (MSRP) is retrieved from automaker websites and may vary.
- Models that offer different configurations and battery sizes may show multiple numbers for driving range, charging time, and starting MSRP.
- Vehicles are available nationwide unless designated “Select Markets” in their individual listing.
- Despite industry classifications of five-door vehicles as crossovers or compact SUVs, this guide categorizes them as hatchbacks unless they are offered with all-wheel drive.

### SUV/CROSSOVER



Photo Courtesy Acura

**Acura ZDX**

**EPA Electric Range:** 300 mi

**Max Home/Work Charging Power:** 11.5 kW  
(29.4 miles/hour of charge)

**Fast Charging Info:** 190 kW  
(81 miles in 10 minutes of charge)

**Starting MSRP:** \$64,500



Photo Courtesy Audi

**Audi Q4 e-tron quattro**

**EPA Electric Range:** 241 mi

**Max Home/Work Charging Power:** 9.6 kW  
(27 miles/hour of charge)

**Fast Charging Info:** 125 kW  
(80 miles in 10 minutes of charge)

**Starting MSRP:** \$55,200

## SUV/CROSSOVER



Photo Courtesy Audi

## Audi Q4 e-tron Sportback quattro

**EPA Electric Range:** 241 mi  
**Max Home/Work Charging Power:** 9.6 kW  
 (27 miles/hour of charge)  
**Fast Charging Info:** 125 kW  
 (80 miles in 10 minutes of charge)  
**Starting MSRP:** \$58,200



Photo Courtesy Audi

## Audi Q6 e-tron

**EPA Electric Range:** 307 mi  
**Max Home/Work Charging Power:** 19.2 kW  
 (30.7 miles/hour of charge)  
**Fast Charging Info:** 270 kW  
 (135 miles in 10 minutes of charge)  
**Starting MSRP:** \$66,000

COMING SOON

## Audi Q6 e-tron Sportback

**EPA Electric Range:** TBA  
**Max Home/Work Charging Power:** TBA  
 (miles/hour of charge TBA)  
**Fast Charging Info:** TBA  
 (80% in 30 minutes of charge)  
**Starting MSRP:** \$69,000



Photo Courtesy Audi

## Audi Q8 e-tron

**EPA Electric Range:** 285 mi  
**Max Home/Work Charging Power:** 11 kW  
 (22 miles/hour of charge)  
**Fast Charging Info:** 150 kW  
 (160 miles in 30 minutes of charge)  
**Starting MSRP:** \$74,400



## SUV/CROSSOVER



Photo Courtesy Audi

### Audi Q8 e-tron Sportback

**EPA Electric Range:** 300 mi

**Max Home/Work Charging Power:** 11 kW  
(22 miles/hour of charge)

**Fast Charging Info:** 150 kW  
(160 miles in 30 minutes of charge)

**Starting MSRP:** \$77,800



Photo Courtesy BMW

### BMW iX

**EPA Electric Range:** 281 mi

**Max Home/Work Charging Power:** 11 kW  
(24 miles/hour of charge)

**Fast Charging Info:** 195 kW  
(90 miles in 10 minutes of charge)

**Starting MSRP:** \$108,900



Photo Courtesy Cadillac

### Cadillac Escalade IQ

**EPA Electric Range:** 460 mi

**Max Home/Work Charging Power:** 19.2 kW  
(36.5 miles/hour of charge)

**Fast Charging Info:** 350 kW  
(100 miles in 10 minutes of charge)

**Starting MSRP:** \$127,700



Photo Courtesy Cadillac

### Cadillac Lyriq

**EPA Electric Range:** 300 mi

**Max Home/Work Charging Power:** 19.2 kW  
(6 miles/hour of charge)

**Fast Charging Info:** 190 kW  
(76 miles in 10 minutes of charge)

**Starting MSRP:** \$57,195

## SUV/Crossover



Photo Courtesy Cadillac

## Cadillac Optiq

**EPA Electric Range:** 300 mi**Max Home/Work Charging Power:** 19.2 kW  
(55 miles/hour of charge)**Fast Charging Info:** 150 kW  
(79 miles in 10 minutes of charge)**Starting MSRP:** \$52,895

Photo Courtesy Cadillac

## Cadillac Vistiq

**EPA Electric Range:** 300 mi**Max Home/Work Charging Power:** TBA  
(miles/hour of charge TBA)**Fast Charging Info:** TBA  
(miles in minutes of charge TBA)**Starting MSRP:** TBA

Photo Courtesy Chevrolet

## Chevrolet Blazer EV

**EPA Electric Range:** 283 mi**Max Home/Work Charging Power:** 11 kW  
(29.8 miles/hour of charge)**Fast Charging Info:** 190 kW  
(78 miles in 9.5 minutes of charge)**Starting MSRP:** \$47,600

Photo Courtesy Chevrolet

## Chevrolet Equinox EV

**EPA Electric Range:** 319 mi**Max Home/Work Charging Power:** 11.5 kW  
(11.5 miles/hour of charge)**Fast Charging Info:** 150 kW  
(70 miles in 10 minutes of charge)**Starting MSRP:** \$41,900



### SUV/Crossover



Photo Courtesy Ford

#### Ford Mustang Mach E AWD

**EPA Electric Range:** 250-320 mi

**Max Home/Work Charging Power:** 10.5 kW  
(28 miles/hour of charge)

**Fast Charging Info:** 150 kW  
(168 miles in 45 minutes of charge)

**Starting MSRP:** \$39,995



Photo Courtesy Genesis

#### Genesis GV60

**EPA Electric Range:** 235-294 mi

**Max Home/Work Charging Power:** 10.9 kW  
(34 miles/hour of charge)

**Fast Charging Info:** 350 kW  
(171 miles in 18 minutes of charge)

**Starting MSRP:** \$52,000



Photo Courtesy Genesis

#### Genesis GV90

**EPA Electric Range:** 300 mi

**Max Home/Work Charging Power:** TBA  
(miles/hour of charge TBA)

**Fast Charging Info:** TBA  
(miles in minutes of charge TBA)

**Starting MSRP:** \$100,000



Photo Courtesy GMC

#### GMC Hummer EV SUV

**EPA Electric Range:** 303-314 mi

**Max Home/Work Charging Power:** 19.2 kW  
(30 miles/hour of charge)

**Fast Charging Info:** 350 kW  
(100 miles in 10 minutes of charge)

**Starting MSRP:** \$96,550

## SUV/CROSSOVER



Photo Courtesy Honda

## Honda Prologue

**EPA Electric Range:** 296 mi**Max Home/Work Charging Power:** 11.5 kW  
(31.2 miles/hour of charge)**Fast Charging Info:** 150 kW  
(65 miles in 10 minutes of charge)**Starting MSRP:** \$47,400

Photo Courtesy Hyundai

## Hyundai Ioniq 5

**EPA Electric Range:** 260-303 mi**Max Home/Work Charging Power:** 10.9 kW  
(40.2 miles/hour of charge)**Fast Charging Info:** 350 kW  
(68 miles in 5 minutes of charge)**Starting MSRP:** \$41,800

Photo Courtesy Hyundai

## Hyundai Ioniq 5 N

**EPA Electric Range:** 221 mi**Max Home/Work Charging Power:** 10.9 kW  
(30.1 miles/hour of charge)**Fast Charging Info:** 350 kW  
(62.1 miles in 5 minutes of charge)**Starting MSRP:** \$66,100

Photo Courtesy Hyundai

## Hyundai Ioniq 9

**EPA Electric Range:** 300 mi**Max Home/Work Charging Power:** TBA  
(miles/hour of charge TBA)**Fast Charging Info:** 350 kW  
(80% in 20 minutes of charge)**Starting MSRP:** \$50,000



## SUV/CROSSOVER



Photo Courtesy Jaguar

### Jaguar I-Pace

**EPA Electric Range:** 246 mi

**Max Home/Work Charging Power:** 9.6 kW  
(24.2 miles/hour of charge)

**Fast Charging Info:** 100 kW  
(187 miles in 87 minutes of charge)

**Starting MSRP:** \$73,875



Photo Courtesy Jeep

### Jeep Wagoneer S

**EPA Electric Range:** 300 mi

**Max Home/Work Charging Power:** 11.5 kW  
(42.9 miles/hour of charge)

**Fast Charging Info:** 130 kW  
(80% in 23 minutes of charge)

**Starting MSRP:** \$70,795



Photo Courtesy Kia

### Kia EV3

**EPA Electric Range:** 350 mi

**Max Home/Work Charging Power:** 11 kW  
(33.6 miles/hour of charge)

**Fast Charging Info:** 100 kW  
(139.8 miles in 30 minutes of charge)

**Starting MSRP:** \$35,000



Photo Courtesy Kia

### Kia EV6

**EPA Electric Range:** 230-310 mi

**Max Home/Work Charging Power:** 10.9 kW  
(30-36.8 miles/hour of charge)

**Fast Charging Info:** 235 kW  
(66 miles in 4.75 minutes of charge)

**Starting MSRP:** \$40,900

## SUV/Crossover



Photo Courtesy Kia

## Kia EV9

**EPA Electric Range:** 304 mi**Max Home/Work Charging Power:** 11 kW  
(34.7 miles/hour of charge)**Fast Charging Info:** 350 kW  
(210 miles in 30 minutes of charge)**Starting MSRP:** \$54,900

Photo Courtesy Land Rover

## Land Rover Range Rover BEV

**EPA Electric Range:** 300 mi**Max Home/Work Charging Power:** 11 kW  
(30 miles/hour of charge)**Fast Charging Info:** 200 kW  
(80% in 25 minutes of charge)**Starting MSRP:** \$120,000

Photo Courtesy Lexus

## Lexus RZ 450e

**EPA Electric Range:** 266 mi**Max Home/Work Charging Power:** 6.6-11 kW  
(15-45 miles/hour of charge)**Fast Charging Info:** 150 kW  
(45.5-200 miles in 30 minutes of charge)**Starting MSRP:** \$55,175

Photo Courtesy Lexus

## Lucid Motors Gravity

**EPA Electric Range:** 440 mi**Max Home/Work Charging Power:** 19 kW  
(80 miles/hour of charge)**Fast Charging Info:** 350 kW  
(200 miles in 15 minutes of charge)**Starting MSRP:** \$80,000



## SUV/CROSSOVER



Photo Courtesy Mercedes-Benz

### Mercedes-Benz EQB

**EPA Electric Range:** 251 mi

**Max Home/Work Charging Power:** 9.6 kW  
(30.4 miles/hour of charge)

**Fast Charging Info:** 100 kW  
(80% in 32 minutes of charge)

**Starting MSRP:** \$53,050



Photo Courtesy Mercedes-Benz

### Mercedes-Benz EQC

**EPA Electric Range:** 259 mi

**Max Home/Work Charging Power:** 11 kW  
(26.7 miles/hour of charge)

**Fast Charging Info:** 110 kW  
(160.9 miles in 35 minutes of charge)

**Starting MSRP:** \$77,900



Photo Courtesy Mercedes-Benz

### Mercedes-Benz EQE SUV

**EPA Electric Range:** 307 mi

**Max Home/Work Charging Power:** 9.6 kW  
(26.7 miles/hour of charge)

**Fast Charging Info:** 170 kW  
(194.3 miles in 28 minutes of charge)

**Starting MSRP:** \$77,900



Photo Courtesy Mercedes-Benz

### Mercedes-Benz EQS SUV

**EPA Electric Range:** 339 mi

**Max Home/Work Charging Power:** 9.6 kW  
(24.2 miles/hour of charge)

**Fast Charging Info:** 200 kW  
(194 miles in 30 minutes of charge)

**Starting MSRP:** \$104,400

## SUV/Crossover

Photo Courtesy Mini

## Mini Countryman BEV

**EPA Electric Range:** 230 mi**Max Home/Work Charging Power:** 11 kW  
(32.9 miles/hour of charge)**Fast Charging Info:** 130 kW  
(165.2 miles in 30 minutes of charge)**Starting MSRP:** \$45,200Photo Courtesy Nissan

## Nissan Ariya

**EPA Electric Range:** 216-304 mi**Max Home/Work Charging Power:** 7.2 kW  
(21.6 miles/hour of charge)**Fast Charging Info:** 130 kW  
(170 miles in 30 minutes of charge)**Starting MSRP:** \$39,590Photo Courtesy Polestar

## Polestar 3

**EPA Electric Range:** 315 mi**Max Home/Work Charging Power:** 11 kW  
(28.6 miles/hour of charge)**Fast Charging Info:** 250 kW  
(217.5 miles in 32 minutes of charge)**Starting MSRP:** \$73,400Photo Courtesy Polestar

## Polestar 4

**EPA Electric Range:** 300 mi**Max Home/Work Charging Power:** 11 kW  
(27.3 miles/hour of charge)**Fast Charging Info:** 200 kW  
(215.6 miles in 31 minutes of charge)**Starting MSRP:** \$54,900



## SUV/CROSSOVER



Photo Courtesy Porsche

Porsche Macan EV

**EPA Electric Range:** 250 mi

**Max Home/Work Charging Power:** 11 kW  
(24.4 miles/hour of charge)

**Fast Charging Info:** 270 kW

(221 miles in 21 minutes of charge)

**Starting MSRP:** \$78,800



Photo Courtesy Rivian

Rivian R1S

**EPA Electric Range:** 410 mi

**Max Home/Work Charging Power:** 11.5 kW  
(31.5 miles/hour of charge)

**Fast Charging Info:** 220 kW  
(140 miles in 20 minutes of charge)

**Starting MSRP:** \$75,900



Photo Courtesy Rivian

Rivian R2

**EPA Electric Range:** 300 mi

**Max Home/Work Charging Power:** TBA  
(80% in 30 minutes of charge)

**Fast Charging Info:** TBA  
(miles in minutes of charge TBA)

**Starting MSRP:** \$45,000

## SUV/Crossover



Subaru Solterra

Photo Courtesy Subaru

**EPA Electric Range:** 227 mi**Max Home/Work Charging Power:** 6.6 kW  
(20.6 miles/hour of charge)**Fast Charging Info:** 100 kW

(69 miles in 30 minutes of charge)

**Starting MSRP:** \$44,995

Photo Courtesy Tesla

Tesla Model X

**EPA Electric Range:** 335 mi**Max Home/Work Charging Power:** 11.5 kW  
(23.9 miles/hour of charge)**Fast Charging Info:** 250 kW  
(171 miles in 15 minutes of charge)**Starting MSRP:** \$81,630

Photo Courtesy Tesla

Tesla Model Y

**EPA Electric Range:** 260-320 mi**Max Home/Work Charging Power:** 11 kW  
(44 miles/hour of charge)**Fast Charging Info:** 250 kW  
(160 miles in 15 hours of charge)**Starting MSRP:** \$46,630



## SUV/CROSSOVER



Photo Courtesy Toyota

### Toyota bZ4X

**EPA Electric Range:** 252 mi

**Max Home/Work Charging Power:** 7.6 kW  
(26.5 miles/hour of charge)

**Fast Charging Info:** 150 kW  
(180 miles in 30 minutes of charge)

**Starting MSRP:** \$43,070



Photo Courtesy Volkswagen

### Volkswagen ID.4

**EPA Electric Range:** 291 mi

**Max Home/Work Charging Power:** 11 kW  
(36.4 miles/hour of charge)

**Fast Charging Info:** 135 kW  
(210 miles in 38 minutes of charge)

**Starting MSRP:** \$39,735

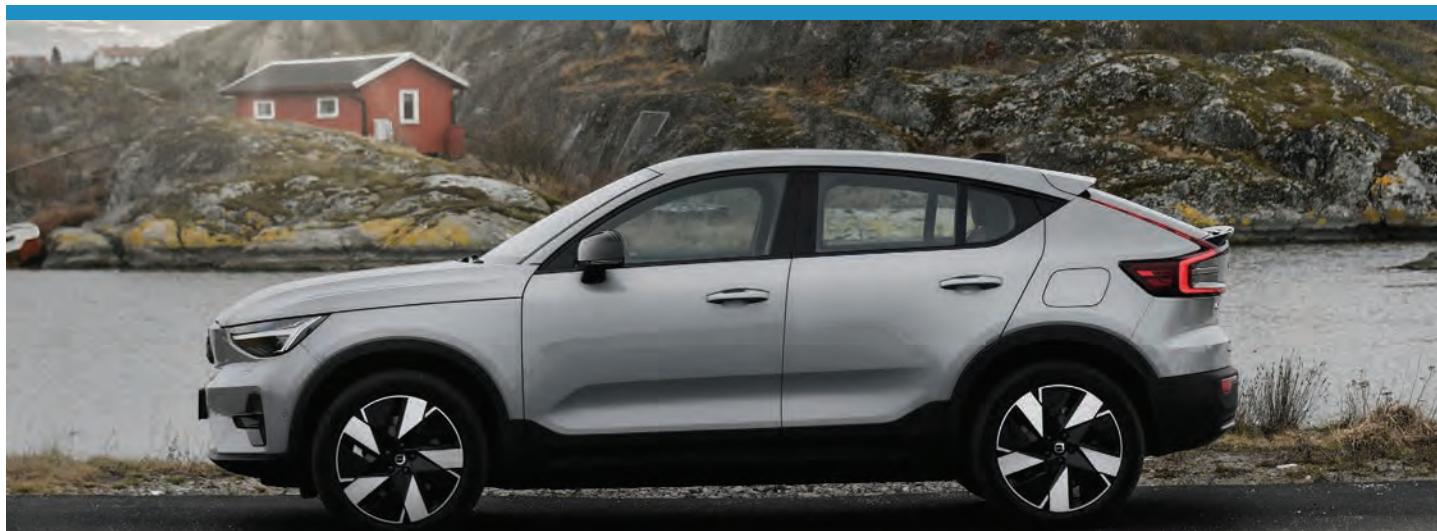


Photo Courtesy Volvo

### Volvo C40 Recharge

**EPA Electric Range:** 297 mi

**Max Home/Work Charging Power:** 11 kW  
(37.1 miles/hour of charge)

**Fast Charging Info:** 200 kW

(69 miles in 30 minutes of charge)

**Starting MSRP:** \$53,600

## SUV/CROSSOVER



Volvo EX30

Photo Courtesy Volvo

**EPA Electric Range:** 275 mi**Max Home/Work Charging Power:** 11 kW  
(34.4 miles/hour of charge)**Fast Charging Info:** 153 kW

(69 miles in 26.5 minutes of charge)

**Starting MSRP:** \$36,245

Photo Courtesy Volvo

Volvo EX90

**EPA Electric Range:** 308 mi**Max Home/Work Charging Power:** 11 kW  
(30.8 miles/hour of charge)**Fast Charging Info:** 250 kW  
(183.3 miles in 30 minutes of charge)**Starting MSRP:** \$79,995

Photo Courtesy Volvo

Volvo XC40 Recharge

**EPA Electric Range:** 293 mi**Max Home/Work Charging Power:** 11 kW  
(36.6 miles/hour of charge)**Fast Charging Info:** 150 kW  
(135.8 miles in 28 minutes of charge)**Starting MSRP:** \$52,450



## SEDAN



Audi A6 e-tron

Photo Courtesy Audi

**EPA Electric Range:** 388 mi

**Max Home/Work Charging Power:** 9.6 kW  
(34.8 miles/hour of charge)

**Fast Charging Info:** 270 kW

(193 miles in 10 minutes of charge)

**Starting MSRP:** \$80,000



Photo Courtesy Audi

Audi e-tron GT

**EPA Electric Range:** 249 mi

**Max Home/Work Charging Power:** 9.6 kW  
(24 miles/hour of charge)

**Fast Charging Info:** 270 kW  
(180 miles in 22 minutes of charge)

**Starting MSRP:** \$106,500



Photo Courtesy BMW

BMW i4

**EPA Electric Range:** 301 mi

**Max Home/Work Charging Power:** 11 kW  
(36.5 miles/hour of charge)

**Fast Charging Info:** 200 kW  
(80% in 31 minutes of charge)

**Starting MSRP:** \$55,245

## SEDAN



BMW i5

Photo Courtesy BMW

**EPA Electric Range:** 271.5 mi**Max Home/Work Charging Power:** 11 kW  
(27 miles/hour of charge)**Fast Charging Info:** 205 kW

(80% in 30 minutes of charge)

**Starting MSRP:** \$70,000

Photo Courtesy BMW

BMW i7

**EPA Electric Range:** 300 mi**Max Home/Work Charging Power:** 11 kW  
(30 miles/hour of charge)**Fast Charging Info:** 195 kW  
(80 miles in 10 minutes of charge)**Starting MSRP:** \$119,300

Photo Courtesy Dodge

Dodge Charger EV

**EPA Electric Range:** 350 mi**Max Home/Work Charging Power:** 11 kW  
(25 miles/hour of charge)**Fast Charging Info:** 350 kW  
(267.3 miles in 27 minutes of charge)**Starting MSRP:** \$61,590



## SEDAN



Photo Courtesy Genesis

### Genesis Electrified G80

**EPA Electric Range:** 282 mi

**Max Home/Work Charging Power:** 11 kW  
(31.3 miles/hour of charge)

**Fast Charging Info:** 350 kW  
(186.4 miles in 22 minutes of charge)

**Starting MSRP:** \$74,375



Photo Courtesy Hyundai

### Hyundai Ioniq 6

**EPA Electric Range:** 240-361 mi

**Max Home/Work Charging Power:** 11 kW  
(52.2 miles/hour of charge)

**Fast Charging Info:** 233 kW  
(57.2 miles in 5 minutes of charge)

**Starting MSRP:** \$37,500



Photo Courtesy Mercedes-Benz

### Mercedes-Benz EQS

**EPA Electric Range:** 352 mi

**Max Home/Work Charging Power:** 9.6 kW  
(30.6 miles/hour of charge)

**Fast Charging Info:** 200 kW

(86 miles in 15 minutes of charge)

**Starting MSRP:** \$85,900

## SEDAN

Photo Courtesy Polestar**Polestar 2****EPA Electric Range:** 247-320 mi**Max Home/Work Charging Power:** 11 kW  
(40 miles/hour of charge)**Fast Charging Info:** 205 kW  
(189.4 miles in 28 minutes of charge)**Starting MSRP:** \$49,900Photo Courtesy Tesla**Tesla Model 3****EPA Electric Range:** 272-363 mi**Max Home/Work Charging Power:** 11.5 kW  
(37 miles/hour of charge)**Fast Charging Info:** 250 kW  
(17 miles in 15 minutes of charge)**Starting MSRP:** \$44,130Photo Courtesy Tesla**Tesla Model S****EPA Electric Range:** 402 mi**Max Home/Work Charging Power:** 12 kW  
(26.8 miles/hour of charge)**Fast Charging Info:** 250 kW

(200 miles in 15 minutes of charge)

**Starting MSRP:** \$76,630



## MINIVAN/WAGON/VAN



### Ford E-Transit

**EPA Electric Range:** 159 mi

**Max Home/Work Charging Power:** 11 kW  
(26.5 miles/hour of charge)

**Fast Charging Info:** 180 kW  
(67 miles in 15 minutes of charge)

**Starting MSRP:** \$51,095



### Mercedes-Benz eSprinter

**EPA Electric Range:** 206 mi

**Max Home/Work Charging Power:** 9.6 kW  
(16.5 miles/hour of charge)

**Fast Charging Info:** 115 kW  
(80% in 32 minutes of charge)

**Starting MSRP:** \$63,475



### Volkswagen ID.BUZZ

**EPA Electric Range:** 242 mi

**Max Home/Work Charging Power:** 11 kW  
(36.7 miles/hour of charge)

**Fast Charging Info:** 170 kW

(80% in 30 minutes of charge)

**Starting MSRP:** \$60,000

## PICKUP TRUCK



Photo Courtesy Chevrolet

## Chevrolet Silverado EV

**EPA Electric Range:** 440 mi**Max Home/Work Charging Power:** 19.2 kW  
(34.6 miles/hour of charge)**Fast Charging Info:** 350 kW  
(100 miles in 10 minutes of charge)**Starting MSRP:** \$94,500

Photo Courtesy Ford

## Ford F-150 Lightning

**EPA Electric Range:** 240-320 mi**Max Home/Work Charging Power:** 11.5 kW  
(19 miles/hour of charge)**Fast Charging Info:** 150 kW  
(41 miles in 10 minutes of charge)**Starting MSRP:** \$62,995

Photo Courtesy GMC

## GMC Hummer EV Pickup

**EPA Electric Range:** 314 mi**Max Home/Work Charging Power:** 19.2 kW  
(29 miles/hour of charge)**Fast Charging Info:** 350 kW  
(100 miles in 14 minutes of charge)**Starting MSRP:** \$98,845

Photo Courtesy GMC

## GMC Sierra EV Denali

**EPA Electric Range:** 440 mi**Max Home/Work Charging Power:** 19.2 kW  
(34 miles/hour of charge)**Fast Charging Info:** 350 kW  
(100 miles in 10 minutes of charge)**Starting MSRP:** \$99,495



## PICKUP TRUCK



Photo Courtesy Ram

### Ram 1500 REV

**EPA Electric Range:** 500 mi

**Max Home/Work Charging Power:** TBA  
(miles/hour of charge TBA)

**Fast Charging Info:** 350 kW

(110 miles in 10 minutes of charge)

**Starting MSRP:** \$58,000



Photo Courtesy Rivian

### Rivian R1T

**EPA Electric Range:** 420 mi

**Max Home/Work Charging Power:** 11.5 kW  
(29.8 miles/hour of charge)

**Fast Charging Info:** 220 kW  
(140 miles in 20 minutes of charge)

**Starting MSRP:** \$69,900



Photo Courtesy Tesla

### Tesla Cybertruck

**EPA Electric Range:** 340 mi

**Max Home/Work Charging Power:** 11.5 kW  
(21.8 miles/hour of charge)

**Fast Charging Info:** 250 kW  
(136 miles in 15 minutes of charge)

**Starting MSRP:** \$81,895

## SPORTS CAR

Photo Courtesy Porsche

## Porsche 718 Boxster EV

**EPA Electric Range:** 250+ mi**Max Home/Work Charging Power:** TBA  
(miles/hour of charge TBA)**Fast Charging Info:** 270 kW  
(miles in minutes of charge TBA)**Starting MSRP:** \$78,000Photo Courtesy Porsche

## Porsche 718 Cayman EV

**EPA Electric Range:** 250+ mi**Max Home/Work Charging Power:** TBA  
(miles/hour of charge TBA)**Fast Charging Info:** TBA  
(miles in minutes of charge TBA)**Starting MSRP:** \$78,000Photo Courtesy Porsche

## Porsche Taycan

**EPA Electric Range:** 274 mi**Max Home/Work Charging Power:** 9.6 kW  
(23.8 miles/hour of charge)**Fast Charging Info:** 320 kW

(211.3 miles in 19 minutes of charge)

**Starting MSRP:** \$99,400



### ULTRA-LUXURY/LIMITED EDITION



Photo Courtesy Lucid

#### Lucid Air Dream AWD

**EPA Electric Range:** 451 mi

**Max Home/Work Charging Power:** 19.2 kW  
(35 miles/hour of charge)

**Fast Charging Info:** 300 kW  
(300 miles in 20 minutes of charge)

**Starting MSRP:** \$170,500



Photo Courtesy Porsche

#### Porsche Taycan 4 Cross Turismo

**EPA Electric Range:** 277 mi

**Max Home/Work Charging Power:** 11 kW  
(23.1 miles/hour of charge)

**Fast Charging Info:** 320 kW  
(226.2 miles in 18 minutes of charge)

**Starting MSRP:** \$111,100



Photo Courtesy Porsche

#### Porsche Taycan Turbo

**EPA Electric Range:** 275 mi

**Max Home/Work Charging Power:** 22 kW  
(45.8 miles/hour of charge)

**Fast Charging Info:** 320 kW  
(160 miles in 18 minutes of charge)

**Starting MSRP:** \$160,800

### COMPACT/HATCHBACK



Photo Courtesy Fiat

#### Fiat 500e

**EPA Electric Range:** 162 mi

**Max Home/Work Charging Power:** 9.6 kW  
(30 miles/hour of charge)

**Fast Charging Info:** 85 kW  
(31 miles in 5 minutes of charge)

**Starting MSRP:** \$32,500

## COMPACT/HATCHBACK



Photo Courtesy Hyundai

## Hyundai Kona Electric

**EPA Electric Range:** 200-261 mi**Max Home/Work Charging Power:** 11 kW  
(34.4 miles/hour of charge)**Fast Charging Info:** 100 kW  
(200 miles in 54 minutes of charge)**Starting MSRP:** \$32,875

Photo Courtesy Kia

## Kia Niro EV

**EPA Electric Range:** 253 mi**Max Home/Work Charging Power:** 11 kW  
(33.7 miles/hour of charge)**Fast Charging Info:** 85 kW  
(39.8 miles in 10 minutes of charge)**Starting MSRP:** \$39,600

Photo Courtesy Mini

## Mini Cooper SE

**EPA Electric Range:** 114 mi**Max Home/Work Charging Power:** 11 kW  
(29 miles/hour of charge)**Fast Charging Info:** 50 kW  
(91 miles in 35 minutes of charge)**Starting MSRP:** \$30,900

Photo Courtesy Nissan

## Nissan LEAF Plus

**EPA Electric Range:** 212 mi**Max Home/Work Charging Power:** 6.6 kW  
(19 miles/hour of charge)**Fast Charging Info:** 100 kW  
(180 miles in 45 minutes of charge)**Starting MSRP:** \$36,190



## PLUG-IN HYBRID CARS

- Plug-in hybrid cars available as of August 2024 discontinued models or older model years may still be available.
- Range sources: [www.fueleconomy.gov](http://www.fueleconomy.gov) and automaker specifications.
- Range per hour of charging assumes home or workplace Level 2 charging (i.e., 240V).
- Starting MSRP is retrieved from automaker websites and may vary.
- Vehicles are available nationwide unless designated “Select Markets” in their individual listing.
- Despite industry classifications of five-door vehicles as crossovers or compact SUVs, this guide categorizes them as hatchbacks unless they are offered with all-wheel drive.

### SUV/CROSSOVER



Photo Courtesy Alfa Romeo

Alfa Romeo Tonale

**EPA Electric Range:** 33 mi

**EPA Total Range (gas + electric):** 320 mi

**Max Home/Work Charging Power:** 7 kW  
(8.25 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$43,845



Photo Courtesy Audi

Audi Q5 TFSI e

**EPA Electric Range:** 23 mi

**EPA Total Range (gas + electric):** 390 mi

**Max Home/Work Charging Power:** 7.2 kW  
(8 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$55,400

## SUV/CROSSOVER



Photo Courtesy BMW

## BMW X5 xDrive50e

**EPA Electric Range:** 40 mi**EPA Total Range (gas + electric):** 400 mi**Max Home/Work Charging Power:** 9.6 kW  
(30 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$73,100

Photo Courtesy Dodge

## Dodge Hornet R/T

**EPA Electric Range:** 32 mi**EPA Total Range (gas + electric):** 360 mi**Max Home/Work Charging Power:** 7.4 kW  
(12.8 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$41,400

Photo Courtesy Hyundai

## Hyundai Tucson PHEV

**EPA Electric Range:** 33 mi**EPA Total Range (gas + electric):** 420 mi**Max Home/Work Charging Power:** 7.2 kW  
(16.5 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$38,725

## SUV/CROSSOVER



Photo Courtesy Jeep

### Jeep Grand Cherokee 4xe

**EPA Electric Range:** 25 mi

**EPA Total Range (gas + electric):** 470 mi

**Max Home/Work Charging Power:** 7.2 kW  
(10 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$60,490



Photo Courtesy Jeep

### Jeep Wrangler 4xe

**EPA Electric Range:** 22 mi

**EPA Total Range (gas + electric):** 370 mi

**Max Home/Work Charging Power:** 7.4 kW  
(9 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$50,695



Photo Courtesy Kia

### Kia Sorento PHEV

**EPA Electric Range:** 30 mi

**EPA Total Range (gas + electric):** 460 mi

**Max Home/Work Charging Power:** 3.3 kW  
(7.5 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$47,990



Photo Courtesy Kia

### Kia Sportage PHEV

**EPA Electric Range:** 34 mi

**EPA Total Range (gas + electric):** 430 mi

**Max Home/Work Charging Power:** 7.2 kW  
(17 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$39,690

## SUV/Crossover



Photo Courtesy Land Rover

## Land Rover Range Rover

**EPA Electric Range:** 53 mi**EPA Total Range (gas + electric):** 480 mi**Max Home/Work Charging Power:** 7 kW  
(5 miles/hour of charge)**Fast Charging Info:** 43 kW  
(80% in 40 minutes of charge)**Starting MSRP:** \$119,900

Photo Courtesy Land Rover

## Land Rover Range Rover Sport PHEV

**EPA Electric Range:** 53 mi**EPA Total Range (gas + electric):** 480 mi**Max Home/Work Charging Power:** 7 kW  
(6 miles/hour of charge)**Fast Charging Info:** 43 kW  
(80% in 40 minutes of charge)**Starting MSRP:** \$118,200

Photo Courtesy Lexus

## Lexus NX 450h+

**EPA Electric Range:** 37 mi**EPA Total Range (gas + electric):** 550 mi**Max Home/Work Charging Power:** 6.6 kW  
(8.2 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$62,415

Photo Courtesy Lexus

## Lexus RX 450h+

**EPA Electric Range:** 37 mi**EPA Total Range (gas + electric):** 500 mi**Max Home/Work Charging Power:** 6.6 kW  
(14.8 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$70,580

## SUV/CROSSOVER



Photo Courtesy Lexus

### Lexus TX 550h+

**EPA Electric Range:** 33 mi

**EPA Total Range (gas + electric):** 450 mi

**Max Home/Work Charging Power:** 6.6 kW  
(11.2 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$78,050



Photo Courtesy Lincoln

### Lincoln Corsair Grand Touring

**EPA Electric Range:** 27 mi

**EPA Total Range (gas + electric):** 420 mi

**Max Home/Work Charging Power:** 6.6 kW  
(6.7 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$54,265

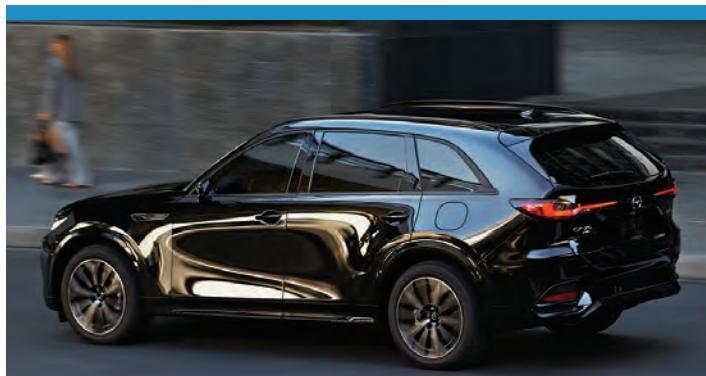


Photo Courtesy Mazda

### Mazda CX-70

**EPA Electric Range:** 26 mi

**EPA Total Range (gas + electric):** 490 mi

**Max Home/Work Charging Power:** 7.2 kW  
(17.3 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$40,445



Photo Courtesy Mazda

### Mazda CX-90

**EPA Electric Range:** 26 mi

**EPA Total Range (gas + electric):** 490 mi

**Max Home/Work Charging Power:** 7.2 kW  
(17.3 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$37,845

## SUV/CROSSOVER



Photo Courtesy Mercedes-Benz

## Mercedes-Benz GLC 350e

**EPA Electric Range:** 54 mi**EPA Total Range (gas + electric):** TBA**Max Home/Work Charging Power:** 11 kW  
(6 miles/hour of charge)**Fast Charging Info:** 60 kW  
(80% in 30 minutes of charge)**Starting MSRP:** \$59,900

Photo Courtesy Mercedes-Benz

## Mercedes-Benz GLE 450e

**EPA Electric Range:** 49 mi**EPA Total Range (gas + electric):** 412 mi**Max Home/Work Charging Power:** 9.6 kW  
(17.8 miles/hour of charge)**Fast Charging Info:** 60 kW  
(60 miles in 20 minutes of charge)**Starting MSRP:** \$71,350

Photo Courtesy Mini

## Mini Countryman All4 PHEV

**EPA Electric Range:** 12 mi**EPA Total Range (gas + electric):** 270 mi**Max Home/Work Charging Power:** 3.7 kW  
(4.8 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$36,800

Photo Courtesy Mitsubishi

## Mitsubishi Outlander PHEV

**EPA Electric Range:** 38 mi**EPA Total Range (gas + electric):** 420 mi**Max Home/Work Charging Power:** 3.7 kW  
(5.8 miles/hour of charge)**Fast Charging Info:** 50 kW

(27 miles in 37 minutes of charge)

**Starting MSRP:** \$40,345

## SUV/CROSSOVER



Photo Courtesy Porsche

### Porsche Cayenne E-Hybrid

**EPA Electric Range:** 17 mi

**EPA Total Range (gas + electric):** 430 mi

**Max Home/Work Charging Power:** 7.2 kW  
(6 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$97,200



Photo Courtesy Porsche

### Porsche Cayenne E-Hybrid Coupe

**EPA Electric Range:** 17 mi

**EPA Total Range (gas + electric):** 430 mi

**Max Home/Work Charging Power:** 11 kW  
(6 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$101,200



Photo Courtesy Subaru

### Subaru Crosstrek Hybrid

**EPA Electric Range:** 17 mi

**EPA Total Range (gas + electric):** 480 mi

**Max Home/Work Charging Power:** 3.3 kW  
(8 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$35,345

## SUV/CROSSOVER



Toyota RAV4 Prime

Photo Courtesy Toyota

**EPA Electric Range:** 42 mi**EPA Total Range (gas + electric):** 600 mi**Max Home/Work Charging Power:** 6.6 kW  
(16.8 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$43,690

Photo Courtesy Volvo

Volvo XC60 Recharge PHEV

**EPA Electric Range:** 35 mi**EPA Total Range (gas + electric):** 560 mi**Max Home/Work Charging Power:** 3.6 kW  
(7 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$57,900

Photo Courtesy Volvo

Volvo XC90 Recharge PHEV

**EPA Electric Range:** 32 mi**EPA Total Range (gas + electric):** 530 mi**Max Home/Work Charging Power:** 3.6 kW  
(6.4 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$71,900

## SEDAN



Photo Courtesy Audi

### Audi A7 TFSI e

**EPA Electric Range:** 26 mi

**EPA Total Range (gas + electric):** 410 mi

**Max Home/Work Charging Power:** 7.2 kW  
(9 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$72,000



Photo Courtesy BMW

### BMW 330e

**EPA Electric Range:** 23 mi

**EPA Total Range (gas + electric):** 320 mi

**Max Home/Work Charging Power:** 3.7 kW  
(8 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$45,600



Photo Courtesy BMW

### BMW 530e

**EPA Electric Range:** 21 mi

**EPA Total Range (gas + electric):** 350 mi

**Max Home/Work Charging Power:** 3.7 kW  
(7 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$55,550



Photo Courtesy BMW

### BMW 550e xDrive

**EPA Electric Range:** TBA

**EPA Total Range (gas + electric):** TBA

**Max Home/Work Charging Power:** TBA  
(miles/hour of charge TBA)

**Fast Charging Info:** N/A

**Starting MSRP:** \$72,700

## SEDAN



Photo Courtesy BMW

## BMW 745e xDrive

**EPA Electric Range:** 16 mi**EPA Total Range (gas + electric):** 290 mi**Max Home/Work Charging Power:** 4 kW  
(4 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$95,900

Photo Courtesy BMW

## BMW 750e xDrive

**EPA Electric Range:** 36 mi**EPA Total Range (gas + electric):** 470 mi**Max Home/Work Charging Power:** 7.4 kW  
(47 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$107,000

Photo Courtesy Porsche

## Porsche Panamera 4 E-Hybrid

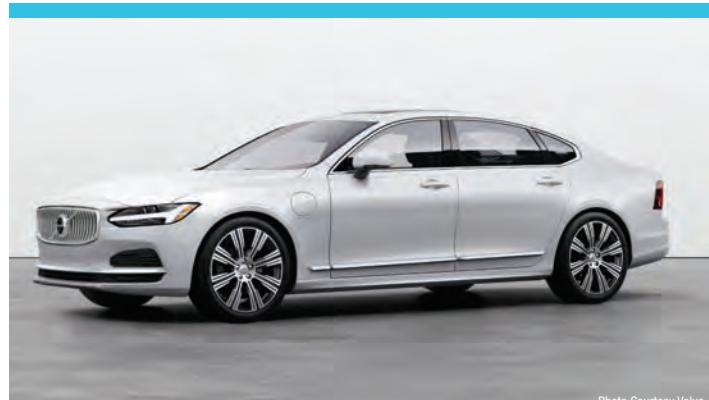
**EPA Electric Range:** 19 mi**EPA Total Range (gas + electric):** 480 mi**Max Home/Work Charging Power:** 11 kW  
(6 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$115,500

Photo Courtesy Volvo

## Volvo S90 Recharge PHEV

**EPA Electric Range:** 38 mi**EPA Total Range (gas + electric):** 520 mi**Max Home/Work Charging Power:** 3.6 kW  
(7.6 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$65,650



### MINIVAN/WAGON/VAN



Photo Courtesy Chrysler

#### Chrysler Pacifica Hybrid

**EPA Electric Range:** 32 mi

**EPA Total Range (gas + electric):** 520 mi

**Max Home/Work Charging Power:** 6.6 kW  
(16 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$51,250



Photo Courtesy Volvo

#### Volvo V60 Recharge PHEV

**EPA Electric Range:** 41 mi

**EPA Total Range (gas + electric):** 530 mi

**Max Home/Work Charging Power:** 3.6 kW  
(8.2 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$71,250

### PICKUP TRUCK



Photo Courtesy Jeep

#### Jeep Gladiator 4xe

**EPA Electric Range:** 21 mi

**EPA Total Range (gas + electric):** 370 mi

**Max Home/Work Charging Power:** 7.2 kW  
(10.5 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$58,000



Photo Courtesy Ram

#### Ram 1500 Ramcharger

**EPA Electric Range:** 145 mi

**EPA Total Range (gas + electric):** 690 mi

**Max Home/Work Charging Power:** TBA

**Fast Charging Info:** 145 kW

(50 miles in 10 minutes of charge)

**Starting MSRP:** \$60,000

## ULTRA-LUXURY/LIMITED EDITION



Photo Courtesy Ferrari

## Ferrari SF90 Stradale Coupe

**EPA Electric Range:** 9 mi**EPA Total Range (gas + electric):** 330 mi**Max Home/Work Charging Power:** 3.6 kW  
(4 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$516,295

Photo Courtesy Porsche

## Porsche Cayenne Turbo S E-Hybrid

**EPA Electric Range:** 15 mi**EPA Total Range (gas + electric):** 370**Max Home/Work Charging Power:** 7.2 kW  
(5 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$163,200

Photo Courtesy Porsche

## Porsche Cayenne Turbo S E-Hybrid Coupe

**EPA Electric Range:** 15 mi**EPA Total Range (gas + electric):** 370**Max Home/Work Charging Power:** 7.2 kW  
(5 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$161,900

Photo Courtesy Porsche

## Porsche Panamera Turbo S E-Hybrid

**EPA Electric Range:** 31 mi**EPA Total Range (gas + electric):** 430 mi**Max Home/Work Charging Power:** 11 kW  
(9.4 miles/hour of charge)**Fast Charging Info:** N/A**Starting MSRP:** \$226,500

## COMPACT/HATCHBACK



Photo Courtesy Ford

### Ford Escape PHEV

**EPA Electric Range:** 37 mi

**EPA Total Range (gas + electric):** 530 mi

**Max Home/Work Charging Power:** 3.3 kW  
(11 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$38,400



Photo Courtesy Kia

### Kia Niro PHEV

**EPA Electric Range:** 33 mi

**EPA Total Range (gas + electric):** 560 mi

**Max Home/Work Charging Power:** 3.3 kW  
(12 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$34,390

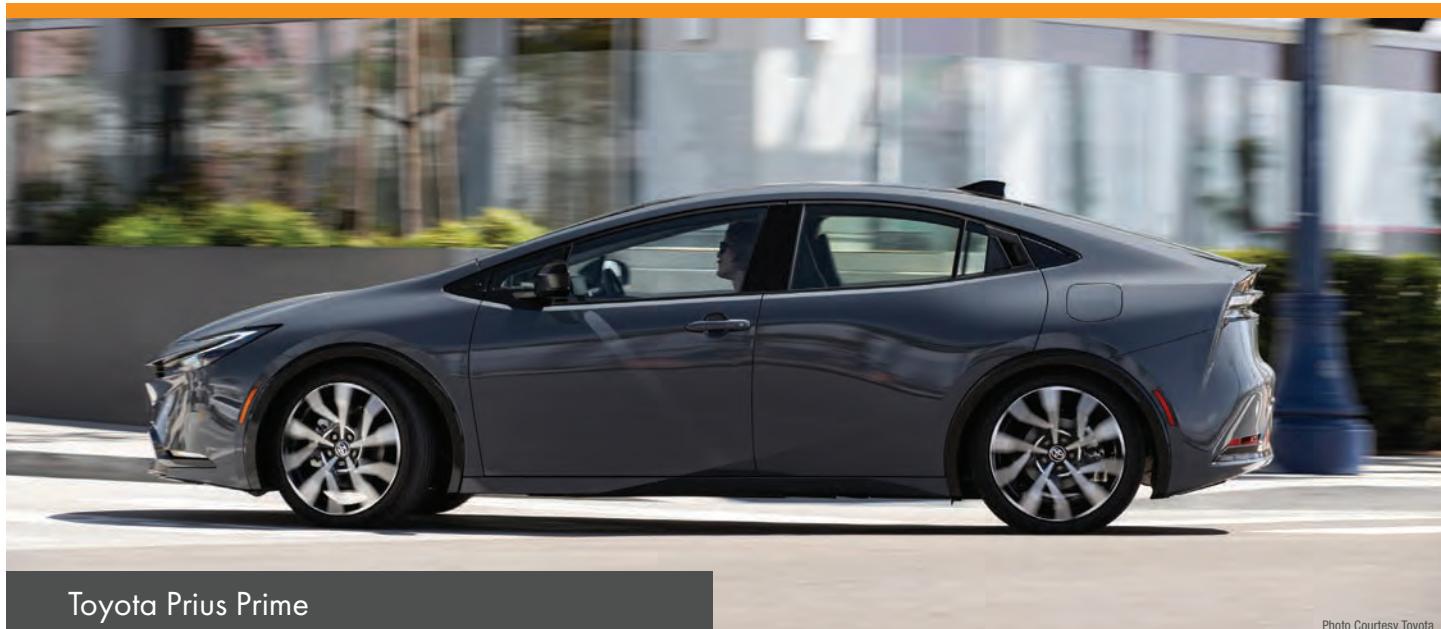


Photo Courtesy Toyota

### Toyota Prius Prime

**EPA Electric Range:** 44 mi

**EPA Total Range (gas + electric):** 600 mi

**Max Home/Work Charging Power:** 3.3 kW  
(11 miles/hour of charge)

**Fast Charging Info:** N/A

**Starting MSRP:** \$32,975

# HOW DO I CHARGE?

## WHERE CAN I CHARGE AND HOW LONG DOES IT TAKE?

With gas cars, you stop at a gas station to refuel while on the road. With an electric car you charge at home, at work, or on the road. Simply plug it in, like your smart phone or computer; your car charges while you sleep, work, or play.

Most drivers with a driveway or garage prefer the convenience of charging at home. They can either plug into a standard 120-volt household outlet using the cord that comes with the car or install a dedicated 240-volt charging station.

The first option, called Level 1 charging, is the simplest and most economical home-charging solution because it requires no other equipment or installation provided the 120-volt outlet is up to date. Charging at Level 1 (typically 1.4 to 1.9 kW) adds roughly 3 to 5 miles of range per hour.

A dedicated 240-volt charging station, called Level 2 charging, requires sufficient electrical capacity, and may need to be installed by a licensed electrician. It is similar to the outlet for a clothes dryer or other 240-volt appliance. Charging at Level 2, (typically 3.3 kW to 19.2 kW) delivers roughly 8 to 50 miles of range per hour or more, depending on the car, the charging station, and the electrical service.

Public charging stations and some workplaces also offer Level 2—and sometimes Level 1—charging.

While smaller electric cars can charge at both Level 1 and 2, larger electric cars are equipped to accept an even faster level of charging, called DC fast charging.<sup>1</sup>

While DC fast chargers cannot be installed at home, a growing number of fast-charging stations are available in strategic locations nationwide along highway corridors and near shopping centers. The speed at which a car charges at a DC fast charging station varies, depending on the car and the power availability at the station (typically 50 kW to 350 kW) (Figure 2).



**FIGURE 2. CHARGING LOCATIONS, LEVELS, AND RANGE REPLENISHED<sup>2</sup>**

<sup>1</sup> Range estimate based on 19.2kW, 90% efficient charging and 0.3333 kWh/mile = 51.8 miles

<sup>2</sup> The amount of range replenished at all charging levels may vary beyond the numbers shown, depending on the charger type, vehicle, and ambient temperature. DC fast chargers have been deployed covering a range of power capacities from 50 kW to 350 kW. Tesla V2 Superchargers offer 120–150 kW, V3 Superchargers offer up to 250 kW for some Tesla models and V4 Superchargers offer up to 250 kW for multiple brands of electric vehicles.



## WHAT ARE KILOWATTS AND KILOWATT-HOURS?

A kilowatt (kW) is a measure of power. A kilowatt-hour (kWh) is a measure of energy, or how much power is used over time. An EV battery's size, measured in kWh, tells you how much energy it may contain and therefore how far the EV can go. The rate at which you use (and recharge) the battery is expressed in kW. To understand their relationship, think of a hose and a bucket. Power (kW) is comparable to the rate of water flowing through the hose. Energy (kWh) is much like the amount of water that collects in the bucket over time.



**Figure 3a.** Power (kW) is comparable to the rate of water flowing through the hose. Energy (kWh) is much like the amount of water that collects in the bucket over time.



**Figure 3b.** With high charging power (high kW), the car's battery fills faster than with low charging power (low kW).



**Figure 3c.** NACS (Tesla) connector



## HOW DO KILOWATT-HOURS COMPARE TO GALLONS OF GASOLINE?

Just as internal combustion cars have different size gas tanks, EVs have different size batteries. The amount of energy stored in a typical EV battery varies. The distance the energy takes you in your EV depends on your battery size, how you drive, and factors such as weather. Driving fast, uphill, having a “lead foot,” or running the heat or air-conditioning in your EV increase energy use. Conversely, making frequent stops or driving in stop-and-go traffic and downhill can add energy to your battery. An EV travels roughly 2 to 4 miles on each kWh of energy, so 3 miles per kWh is a good rule of thumb for calculating how many miles your EV can go, based on the kWh in your battery.

Additionally, the EPA uses fuel economy labeling to display data such as range and miles per gallon of gasoline-equivalent (MPGe) which is used for vehicles that do not run on liquid fuels. Window stickers placed on EVs display units of kWh/100 miles of driving to detail the relative efficiency of different vehicles. The figure below is an example of an EV fuel economy label and is not based on an actual vehicle:

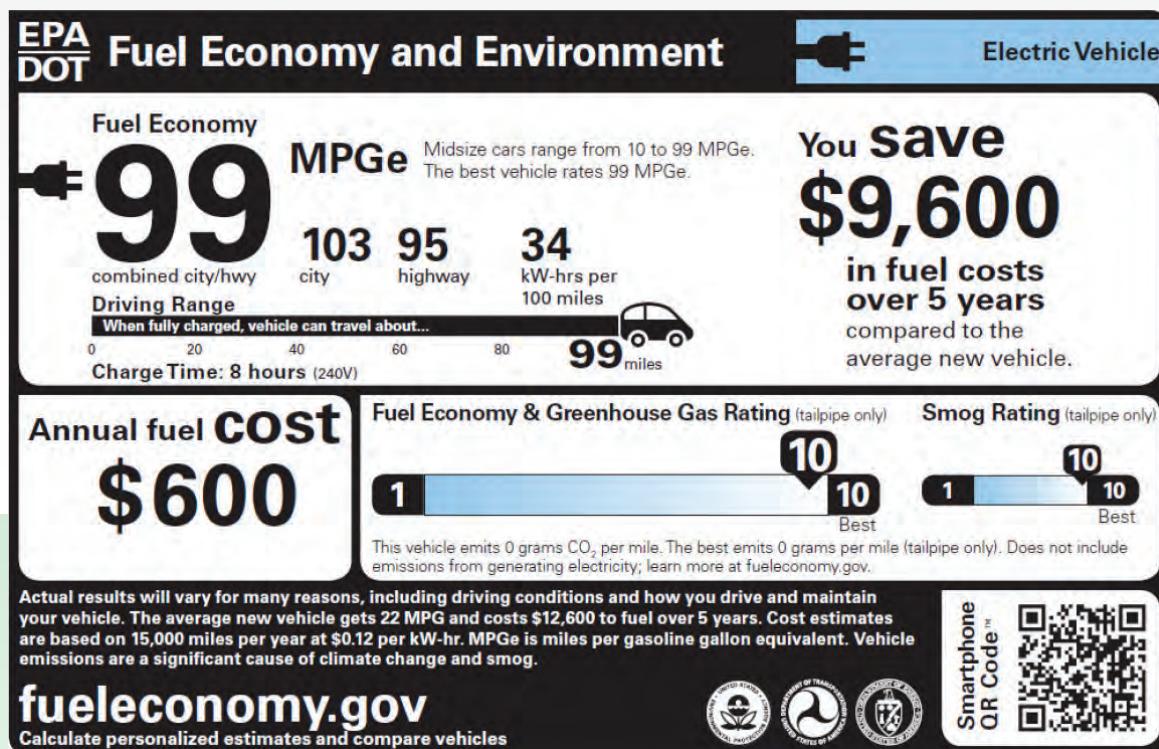


FIGURE 4. EPA EV FUEL ECONOMY LABEL

Some vehicles are available in select markets and may not be available locally. If you are in a ZEV state, there is a higher chance of vehicles being available to purchase. Contact your local dealership to confirm.



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