

Electric Car

I N S I D E R

EV BUYERS GUIDE COMPLETE REVIEWS

ELECTRIC CAR
Buyers Guide

ELECTRIC CAR
Guest Drive

EVSE EXHIBIT
Mobile Showcase



Chevrolet Silverado EV 460 MILE MARATHONER

Hyundai Ioniq 6



Polestar 3

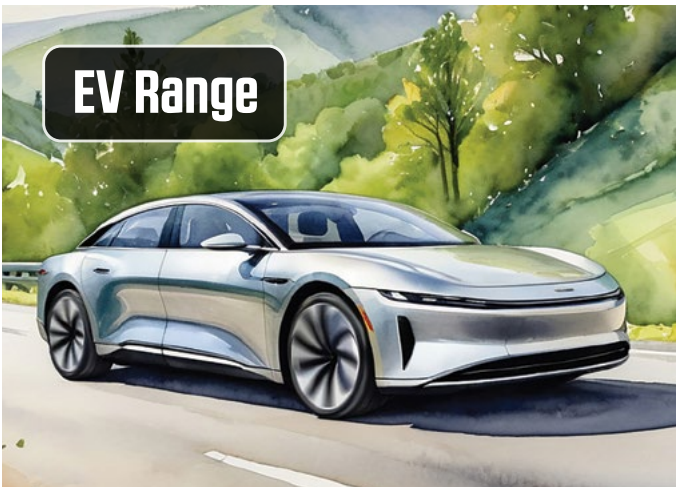
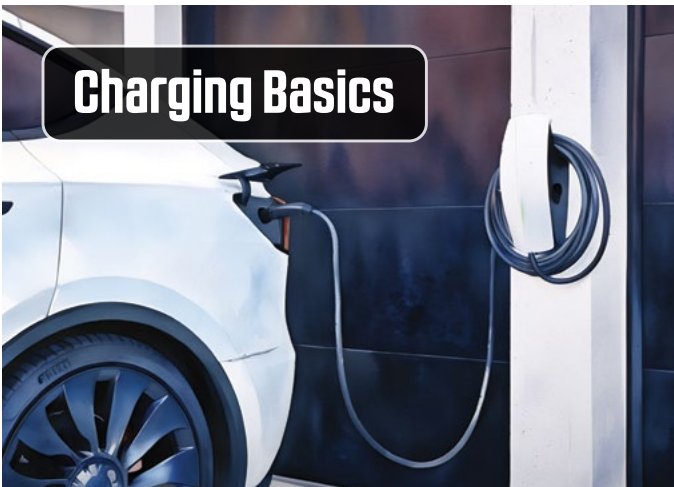


EV Educational Video Series

Comprehensive education with scenario-based learning

SCALEABLE EV OUTREACH PROGRAM

At the heart of ECI's EV outreach program is a comprehensive EV education video series. This series consists of 12 informative videos, released monthly, to keep your customers engaged and informed as they consider electric vehicles for their next vehicle purchase. These videos cover everything from the basics of EVs and ownership to detailed guidance on EV charging at home, work, and public locations.



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Insider Insights

We've entered the Twilight Zone part of the timeline when Tesla showrooms are involuntarily hosting large parties of protesters. That wasn't part of my plan for EV education. I don't think that was Elon Musk's plan either, but he is certainly having his Wile E. Coyote moment and as of this writing, he's still holding the anvil and pedaling air. But if we learned anything watching Road Runner as kids, it's that gravity always asserts itself eventually.

Elon Musk has become a lightning rod for ridicule and scorn as a result of stunts like flashing a Sieg Heil salute behind the Presidential Seal at the presidential inauguration festivities (or alternately "my heart goes out to you" if you take a more charitable view of the gesture and ignore his coincidental support of Germany's extremist AfD party and the fact that prominent Neo-Nazis and white supremacy groups praised the signal as a fascist Roman salute) Waving a chain saw around on stage at the CPAC conference, gleefully celebrating mass layoffs of, among other serious and dedicated civil servants, scientists conducting cancer and Alzheimer's research didn't help to quell the alarm and outrage. This mass populace grievance likely explains the animated hand signaling drivers of the truck (including this reporter) may receive when driving around while otherwise minding their own business.

On the other hand, it is heart warming when an apolitical five year old kid asks "Mister, can I take a picture in front of your Cybertruck? (to which the answer is always a gracious "yes," and also "jump in the drivers seat and take another picture" while Mom gives a slightly embarrassed, awkward smile of gratitude that you didn't disappoint her son.) This simple act of kindness has never failed to make my day.

Not all EVs are the subject of antipathy, and this reporter does not get any attention, unwanted or welcome, when driving the family's Hyundai Ioniq 5 or Kia EV6. Likewise, my wife reports that she does not notice any

“EVs are economical, ecological transportation, not a tribal affiliation”

animated feedback when driving her Model Y despite driving, by her own description "like an old lady" (we are working through this issue together. She grew up driving on the opposite side of the street, so I give her a lot of grace).

In conversation with large numbers of the public as the core of my work, and of course reading voraciously on the subject, it's undeniable that half of the country has an opinion of electric vehicles which has been strongly influenced by political tribe affiliation. That is extremely unfortunate because people who harbor a bias against EVs because of misinformation or deliberate disinformation will be delayed from obtaining the significant financial benefits from lower fuel and maintenance costs. The cost savings over the life of the vehicle are about \$20,000, more if you drive more than average.

But the most consequential downside of this unnecessary polarization is that the environmental damage of using the atmosphere as an open sewer will damage the health and well-being of all future generations. Asthma is endemic. Severe weather events and crop failure are already occurring. And that's a legacy no parent, grandparent, or any responsible member of any community wants to leave to their descendants.

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ELECTRIC CARS

Tesla Model S	6
Porsche Taycan	7
BMW i4	8
Lucid Air	9
Mercedes-Benz EQS	10
Volvo S90 Plug-in Hybrid	11
Mercedes-Benz EQS SUV 450+	12
Lucid Gravity	13
BMW iX xDrive50	14
Volvo EX90	15
GMC Hummer EV SUV	16
Tesla Model X	17
GMC Hummer EV Pickup	18
Tesla Cybertruck	19
Chevrolet Silverado EV	20
GMC Sierra EV	21
Ford F-150 Lightning	22
Rivian R1T	23
Rivian R1S	24
Jeep Wrangler 4xe	25
Volkswagen ID.Buzz	26
Kia EV9	27
Genesis GV60	28
Cadillac LYRIQ	29
Volvo XC60 Plug-in Hybrid	30
Acura ZDX	31
Polestar 3	32
Cadillac OPTIQ	33
Tesla Model Y	34
Volvo EX40	35
Polestar 2	36
Tesla Model 3	37
Volvo S60 Plug-in Hybrid	38
BMW i5	39
Genesis Electrified G80	40
Hyundai IONIQ 6	41
Dodge Charger Daytona	42
Ford Mustang Mach-E	43
Chevrolet Equinox EV	44
Volkswagen ID.4	45
Subaru Solterra	46
Toyota bZ4X	47
Nissan Ariya	48
Chevrolet Blazer EV	49
Kia EV6	50
Hyundai IONIQ 5	51
MINI Countryman SE ALL4	52
Volvo EX30	53
Hyundai Kona Electric	54
Kia Niro EV	55



FEATURES

Insider Insights

EVs are economical, ecological transportation3

EV EDUCATION SERVICES

EV Education Video Series2

ELECTRIC VEHICLE BUYERS GUIDE

Cars

Automobile Matrix, Electric and Plug-in Hybrid5

Automobile Matrix

Specification Quick Reference



Make	Model	Yr Intro	Battery kWh	Range (mi)	MPGe	MSRP Base	Fed Tax Cr	Page
Acura	ZDX	2024	102	278-313	--	\$64,500	\$7,500*	31
BMW	i4	2022	70.2-81	268-318	80-116	\$57,900	--	8
BMW	i5	2022	84.3	278-310	84-105	\$67,100	--	39
BMW	iX	2022	111.5	302-309	76-87	\$87,250	--	14
Cadillac	LYRIQ	2022	102	303-326	89	\$58,595	\$7,500*	29
Cadillac	OPTIQ	2024	85	302	--	\$52,895	\$7,500*	33
Chevrolet	Blazer EV	2023	85-102	279-324	95	\$44,600	\$7,500*	49
Chevrolet	Equinox EV	2023	85	285-319	96-109	\$33,600	\$7,500*	44
Chevrolet	Silverado EV	2023	119-205	390-460	64-70	\$73,100	\$7,500*	20
Dodge	Charger Daytona	2025	94	241-308	--	\$59,595	--	42
Ford	F-150 Lightning	2022	98-131	240-320	66-70	\$62,995	\$7,500*	22
Ford	Mustang Mach-E	2020	70-91	247-320	86-106	\$36,495	--	43
Genesis	Electrified G80	2022	94.5	282	97	\$74,375	--	40
Genesis	GV60	2022	77.4	235-294	90-112	\$52,350	--	28
GMC	Hummer EV Pickup	2022	246.8	314-381	47-53	\$96,550	--	18
GMC	Hummer EV SUV	2022	246.8	312-315	47-53	\$96,550	--	16
GMC	Sierra EV	2024	205	390-460	51	\$89,900	--	21
Hyundai	IONIQ 5	2022	58-77.4	245-318	106-115	\$42,600	\$7,500*	51
Hyundai	IONIQ 6	2023	53-77.4	240-342	103-135	\$37,850	--	41
Hyundai	KONA Electric	2019	64	200-230	103-118	\$32,975	--	54
Kia	EV6	2022	63-84	231-319	83-117	~\$44,000	\$7,500*	50
Kia	EV9	2024	76.1-99.8	230-304	80-89	\$54,900	\$7,500*	27
Kia	Niro EV	2019	64.8	253	113	\$39,600	--	55
Lucid Motors	Air	2022	112	420-512	146	\$69,900	--	9
Lucid Motors	Gravity	2025	123	437-450	--	\$81,550	--	13
Mercedes-Benz	EQS Sedan	2021	118	367-390	92-98	\$104,400	--	10
Mercedes-Benz	EQS SUV450+	2025	107.8	312-323	82	\$105,250	--	12
Mini	Countryman SE ALL4	2024	64.6	212	91-96	\$45,200	--	52
Nissan	ARIYA	2022	63-87	216-289	87-94	\$39,770	--	48
Polestar	2	2020	82	254	91	\$64,800	--	36
Polestar	3	2024	111	279-350	77-95	\$67,500	--	32
Porsche	Taycan	2019	79.2-93.4	208-246	75-83	\$100,300	--	7
Rivian	R1S	2020	105-180	270-371	68-85	\$75,900	--	24
Rivian	R1T	2020	162-163	270-420	68-87	\$69,900	--	23
Subaru	Solterra	2022	72.8	222-227	102-104	\$38,495	--	46
Tesla	Cybertruck	2023	100-200	320-445	--	\$79,990	\$7,500*	19
Tesla	Model 3	2017	50-75	298-363	128-137	\$42,490	\$7,500*	37
Tesla	Model S	2012	100	348-410	96-122	\$79,990	\$7,500*	6
Tesla	Model X	2015	100	314-329	88-94	\$84,990	\$7,500*	17
Tesla	Model Y	2020	74	327	117	\$59,990	\$7,500*	34
Toyota	bZ4X	2022	71.4	222-252	102-119	\$37,070	--	47
Volkswagen	ID.4	2021	62-82	209-275	99-107	\$45,095	--	45
Volkswagen	ID.Buzz	2024	91	231-234	80-83	\$59,995	--	26
Volvo	EX30	2024	69	253	109-116	\$44,900	--	53
Volvo	EX40	2020	79	260-296	94-106	\$52,500	--	35
Volvo	EX90	2024	111	310	81-84	\$79,995	--	15

BATTERY ELECTRIC

PLUG-IN HYBRID

Make	Model	Yr Intro	Battery kWh	Range (mi)	MPGe/MPG	MSRP Base	Tax Cr	Page
Jeep	Wrangler 4xe	2021	17	49/370	49/20	\$50,695	--	25
Volvo	S60 Recharge	2020	18.8	41/530	74/31	\$53,295	--	38
Volvo	S90 Recharge	2017	18.8	38/482	66/30	\$65,650	--	11
Volvo	XC60 Recharge	2017	18.8	36/524	63/28	\$58,020	--	30

*Not every version of each model will qualify. Please check with the seller to determine eligibility of your specific vehicle.
-- Dashes in the matrix represent specs not available at time of printing.



2012-2025
TESLA
Model S

The Tesla Model S and Tesla’s Supercharger Network combine to deliver the best performing electric vehicle on the market. Since its introduction in 2012, a succession of improvements have kept the performance sedan at the top of its class. The company’s entry level all-wheel drive S is rated at 670 horsepower. The top tier “Plaid” models are rated at 1,020 horsepower and 1,050 lb-ft of torque—a staggering amount of power for a four-door sedan that can haul five adults. In tests by Motor Trend, it was the fastest sedan ever measured and speedier than all other street cars except for the Ferrari LaFerrari hyper-car. Consumer Reports found that the Tesla Model S P100D performed better in instrumented tests than any other car.

Tesla continues to advance driver assist technology, promising "autonomous" driving that nevertheless requires driver supervision at all times. The ultimate viability of this approach is still in question, as distracted or complacent drivers may not be able to react in time when sudden human intervention is needed. Combined front and back cargo space ranges from 28 cubic feet to 61 cubic feet with the rear seats folded down. Tesla’s ground-breaking technology, standard-setting performance, and sexy sports-car appearance lead the market.

ACQUISITION

Base MSRP	\$79,990
60 Month@6% est	\$1,547
Lease	\$999
Availability	2012-present

RANGE

EV Range	348-410 mi
MPGe	96-122

PERFORMANCE

0-60 mph	1.9-3.1 sec
Top Speed	130-200 mph

BATTERY

Volts	407V
Watts	100 kWh
Cooling	liquid

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	670-1,020/-1,050
Drive Type	AWD

CHARGING

Power Rating	16.5 kWh
Charge Time L1	30 hrs
Charge Time L2	7 hrs
Charge Time DC	38 min
Connector	NACS

CAPACITY

Passengers	5
Cargo	28.2-61.4 cu ft

DIMENSIONS

Curb Weight	4,766 lbs
Length	197.7 in
Width	78.2 in
Height	56.3 in



Story: Christopher Alan, Staff, Photos: Tesla



2019-2025
PORSCHE
Taycan

Porsche began deliveries of the Taycan, its first all-electric vehicle, in 2020. The Taycan now represents about one tenth of Porsche's sales. With typical Porsche svelte looks and spirited performance, Porsche aims to compete with the Tesla Model S, and has recently outsold Tesla's original flagship. Some will judge it the winner of a beauty contest between the two with a stylishly low roof and front-end along with an aerodynamic body that crouches on 19- or 20-inch alloy wheels. As expected of a Porsche, the Taycan is designed to perform. Its four trim levels deliver between 240-750 horsepower and its top “Turbo S” model sprints from 0-60 mph in a hyper-quick 2.1 seconds. The car has an unconventional two speed transmission. Drivers traveling with more pedal discipline can drive for 200 miles before recharging.

The Taycan is tech-savvy, featuring smartphone-activated doors and an innovative charge port touch sensor that prompts the charge door to glide in and up to reveal the charging mechanism, a more elegant solution than the traditional hinge. The cabin boasts a sleek panoramic glass roof, four bucket seats, three standard touchscreens, and an optional fourth on the right side of the dash for more convenient front-passenger operation of the infotainment system. Porsche’s InnoDrive autonomous-driving is available for an extra charge. The Porsche Taycan has set the new standard in EV luxury, and promises to satisfy Porsche enthusiasts able to finance top shelf gear.

ACQUISITION

Base MSRP	\$100,300
60 Month@6% est	\$1,940
Lease	\$1,479
Availability	2019-present

RANGE

EV Range	208-246 mi
MPGe	75-83

PERFORMANCE

0-60 mph	2.1-4.5 sec
Top Speed	143-190 mph

BATTERY

Volts	613-723V
Watts	79.2-93.4 kWh
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	402/431-1,019/980
Drive Type	RWD/AWD

CHARGING

Power Rating	9.6 kW
Charge Time L1	--
Charge Time L2	9.5 hrs
Charge Time DC	22 mins
Connector	CCS

CAPACITY

Passengers	4
Cargo	2.9-14.3 cu ft

DIMENSIONS

Curb Weight	4,566-5,199 lbs
Length	195.4-195.8 in
Width	77.4 in
Height	54.3-55.6 in



Story: Christopher Alan, Staff, Photos: Porsche



Battery
Electric

2022-2025 BMW i4

BMW's new i4 combines the performance, efficiency, and simplicity of an EV with the traditional styling that drivers love about the BMW 3 and 4 series models. Based on the CLAR (cluster architecture) platform, the i4 is a hybrid design, incorporating the body shell of the 4 series Gran Coupe with BMW's proprietary one piece motor(s), reduction gearing, and power control electronics in a single unit. The i4 is capable of DC fast charging at up to 200 kW.

The i4 impresses with its traditional look, faster than M3 performance (on the M50 model) and surprising efficiency. It's a logical step for BMW, as they introduce future electric models with less traditional styles, it's important for them to include models that current owners would consider as their next step into the EV space.

The i4, along with the iX, are BMW's newest eDrive models, and as such, are introducing new technologies that will proliferate the model range. One of the most impressive new features is the seamless BMW Curved Display, combining a 14.9 inch iDrive 8 infotainment display and a 12.3 inch dashboard functions in one panel. Over the air updates are part of the iDrive 8 system as well. Performance wise, the M50 model can rocket to sixty in less than 4 seconds, beating some versions of the traditional sport sedan king, the venerable M3. The standard eDrive40 model can go 0-60 in 5.5 seconds while delivering up to 300 miles on a charge.

ACQUISITION	
Base MSRP	\$57,900
60 Month@6% est	\$1,150
Lease	\$399
Availability	2022-present
RANGE	
EV Range	268-318 mi
MPGe	80-116
PERFORMANCE	
0-60 mph	4.9-5.5 sec
Top Speed	118 mph
BATTERY	
Volts	398.5V
Watts	70.2-81 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	281/295 - 335/317
Drive Type	RWD/AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	--
Charge Time DC	32 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	16.6 cu ft
DIMENSIONS	
Curb Weight	4,553-4,665 lbs
Length	188.5 in
Width	72.9 in
Height	57 in



Battery
Electric

2022-2025 LUCID MOTORS Air

Lucid Motors' Air large luxury sedan takes the title of the highest range EV on the market. With a range of up to 512 miles, the Lucid Air travels about 100 miles further than any other EV currently available. Led by Peter Rawlinson, who was the chief engineer for the groundbreaking Tesla Model S, Lucid is one of the few automakers that has a realistic opportunity to become a genuine competitor to Tesla in the high end of the market. With its sleek body shape, attractive design, quality materials, and roomy interior, the Air represents what a large luxury car of the future could be, except it's available now.

The car that is nearly devoid of compromises, which may be one of the Air's best selling points. With 430 to a whopping 1,200 horsepower available, the Air offers a wide range of performance levels and pricing. Starting at \$69,900 and topping out at \$249,000, the Air has one of the widest pricing ranges of any new car. Most models are equipped with a 112 kWh battery and AWD, with range of at least 406 miles. Lucid Motors' driver assist system is called DreamDrive. A "Pro" edition will be available for an extra charge over the air update. A limited production ultra high performance Sapphire trim boasting sub-two second 0-60 and sub-nine second quarter mile launched in 2023 for the eye watering price of \$249,000.

ACQUISITION	
Base MSRP	\$69,900
60 Month@6% est	\$1,352
Lease	\$529
Availability	2022-present
RANGE	
EV Range	420-512 mi
MPGe	146
PERFORMANCE	
0-60 mph	1.9-4.5 sec
Top Speed	205 mph
BATTERY	
Volts	900V
Watts	112 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	430/406 - 1,234/1,430
Drive Type	RWD/AWD
CHARGING	
Power Rating	19.2 kW
Charge Time L1	--
Charge Time L2	--
Charge Time DC	17 Minutes
Connector	250-300kW CCS
CAPACITY	
Passengers	5
Cargo	22.1 cu ft
DIMENSIONS	
Curb Weight	5204 lbs
Length	195.9 in
Width	76.2 in
Height	55.4 in





Battery
Electric

2021-2025 MERCEDES-BENZ EQS

Mercedes is introducing a whole new line of EVs under the line “EQ” with a letter following those as designation of the ICE version of the same class. The first EQ vehicle in the US is the EQS, the “EV S-Class.” However, unlike some upcoming EQ models, the EQS is an entirely different vehicle, sharing no real similarity with the more expensive S-Class. The EQS is an original design. Shaped unlike anything else in the Mercedes lineup, the EQS has the lowest drag coefficient of any production vehicle, an astonishing 0.20. That is more aerodynamic than the Tesla Model S and Lucid Air. The EQS has a smooth, almost egg-like shape that looks much more like a concept car than actual production vehicle.

Nowhere does the EQS distinguish itself more than on the interior. Debuting in the EQS is the Hyperscreen, a huge, 56-inch wide infotainment system. The optional setup is made from one continuous glass panel, combining two 12.3 inch displays for both the driver and passenger, as well as a massive 17.7 inch central touchscreen. This system, combined with the traditional finish of a high end Mercedes, lead to a vision of the future of luxury vehicles. Mercedes makes many refined options standard on the EQS, like a Burmester 3D Surround Sound system, Augmented Video for Navigation, and 10-degree rear axle steering.

With up to 390 miles of range and all of the amenities, the EQS stands out as a thoroughly luxurious entry in the EV sedan lineup.

ACQUISITION	
Base MSRP	\$104,400
60 Month@6% est	\$2,019
Lease	-
Availability	2021-present
RANGE	
EV Range	367-390 mi
MPGe	92-98
PERFORMANCE	
0-60 mph	4.1-5.9 sec
Top Speed	131 mph
BATTERY	
Volts	-
Watts	118 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	335/419 – 516/611
Drive Type	RWD/AWD
CHARGING	
Power Rating	9.6 kW
Charge Time L1	55 hrs
Charge Time L2	11.25 hrs
Charge Time DC	31 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	22-63 cu ft
DIMENSIONS	
Curb Weight	5,530-5,806 lbs
Length	207.3 in
Width	75.8 in
Height	59.6 in



Story: Staff, Photos: Mercedes-Benz



Plug-In
Hybrid

2017-2025 VOLVO S90 Plug-in Hybrid

Volvo entered the luxury sedan market with the S90, its flagship four door, in 2017. Its prominent mid body line and classic shape reinforce the brand's heritage while its sedan body offers a fresh and contemporary look. The S90's Plug-in Hybrid variant uses the Volvo XC90 Plug-in Hybrid's drivetrain. The S90 Plug-in Hybrid runs on smooth, silent electric power for about 38 miles before the gas engine takes over. The “twin engine” drivetrain mates the S90's electric motor to a 2.0-liter, four-cylinder that is both supercharged and turbocharged, improving fuel efficiency while giving the engine plenty of power throughout its RPM range. The gas engine drives the front wheels while the electric motor powers the rear axle. Adding to the S90 Plug-in Hybrid's overall efficiency is Volvo's crankshaft-integrated starter generator, which starts and charges the car and seamlessly transitions between the vehicle's gas engine and electric motor. The system also provides additional power to eliminate lag before the supercharger and turbocharger kick in.

The interior's Scandinavian-style design is uncluttered and sophisticated. Volvo's soft Nappa leather seats wrap around safety features designed to prevent spinal injury in the event of a severe crash. A central nine-inch center touchscreen provides easy and intuitive access to all of the car's infotainment and climate control features. Vertical air blades on the vents, Orrefors crystal in the shift lever, and diamond-cut metal on the knobs are subtle flourishes in the S90 Plug-in Hybrid's otherwise serene cocoon.

ACQUISITION	
Base MSRP	\$65,650
60 Month @ 6% est	\$1,270
Lease	\$715
Availability	2017-present
RANGE	
EV/ICE Range	38/482 mi
MPGe/MPG	66/29
PERFORMANCE	
0-60 mph	4.6 sec
Top Speed	112 mph
BATTERY	
Volts	--
Watts	18.8 kW
Cooling	--
DRIVETRAIN (HYBRID)	
HP/Lb-ft	455/523
Drive Type	AWD
CHARGING	
Power Rating	--
Charge Time L1	13 hrs
Charge Time L2	5 hrs
Charge Time DC	N/A
Connector	--
CAPACITY	
Passengers	5
Cargo	13.5 cu ft
DIMENSIONS	
Curb Weight	4,637.2 lbs
Length	200.4 in
Width	74.4 in
Height	57.2 in



Story: Staff, Photos: Volvo



2025
MERCEDES-BENZ
EQS SUV 450+

The EQS 450+ is an elegant and eco-friendly luxury SUV, with a quiet, smooth, and responsive drivetrain.

The EQS 450+ has an electric motor that delivers 355 horsepower. Acceleration is strong, with its performance-oriented counterparts, the 355-hp 4Matic and 536-hp EQS 580 4Matic providing even more punch. Capable of 323 miles on a full charge, this SUV is practical for 500+ mile trips with a single 30 minute stop midpoint for 200kW recharging.

The EQS has a spacious and luxurious cabin, with high-end materials. The MBUX Hyperscreen, a 56-inch seamless display, spans the entire dashboard, providing intuitive touch controls for navigation, entertainment and climate. The system responds to natural language voice commands. A cabin air-filtering system provides HEPA (High Energy Particulate Air) filtration. Premium features, such as heated and ventilated seats, an advanced Burmester audio system and ambient lighting, make every journey feel like an indulgence.

The EQS has seating for five, a third row is optional and adds seating for two more. Cargo volume is seven cubic feet when the third row is in use. Handling is refined, with air suspension and rear-axle steering delivering a smooth and stable ride on all varieties of terrain. The EQS SUV comes with an array of advanced driver-assistance systems like active lane-keeping, adaptive cruise control, and automated parking assist. The Mercedes-Benz EQS 450+ combines the brand’s renowned luxury with cutting-edge electric technology. Whether for daily use or long road trips, it sets a high standard for electric luxury SUVs.

ACQUISITION	
Base MSRP	\$105,250
60 Month@6% est	\$2,015
Lease	--
Availability	2025
RANGE	
EV Range	312-323 mi
MPGe	82
PERFORMANCE	
0-60 mph	4.0-6.5 sec
Top Speed	130 mph
BATTERY	
Volts	--
Watts	107.8 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	355/419 – 536/633
Drive Type	RWD/AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	11.5 hrs
Charge Time DC	~ 31min
Connector	J1772
CAPACITY	
Passengers	5
Cargo	7-31 cu ft
DIMENSIONS	
Curb Weight	6,259 lb
Length	201.8 in
Width	77.1 in
Height	67.6 in



Story: Christopher Alan, Photos: Mercedes-Benz



2025
LUCID MOTORS
Gravity

The Gravity is a three-row SUV accommodating five to seven adults capable of traveling 450 miles on a full charge, setting a new benchmark for SUVs. This efficiency is achieved through Lucid's proprietary technology, including a smaller, lighter battery pack. The 900V electrical architecture supports ultra-fast 350-kW DC charging, which can add up to 200 miles of range in about 12 minutes, making long road trips a breeze.

This SUV is a capable and classy performer. Harnessing 828 horsepower and 909 pound-feet of torque, the all-wheel-drive Gravity accelerates from 0 to 60 mph in 3.4 seconds. An optional air suspension system ensures a smooth ride across various terrains. The Gravity has payload capacity of 1,500 pounds. With the optional tow package (\$750) it can pull up to 6,000 pounds.

The Gravity offers a luxurious and spacious cabin. Sliding second-row seats offer integrated tables. An optional third row has ample legroom, leaving 21.3 cubic feet for cargo and over 112 cubic feet of space when the rear seats are stowed. The Gravity also has a front trunk with an additional 8.1 cubic feet of space. The dashboard is equipped with a 34-inch curved OLED digital instrument cluster and center console infotainment touchscreen.

Pricing for the Gravity starts at \$94,900 for the Grand Touring model, with more affordable Touring versions expected later in 2025. Although Lucid Motors does not have the name recognition of Tesla and Rivian, the Gravity competes head-to-head with the Model X and R1S.

ACQUISITION	
Base MSRP	\$81,550
60 Month@6% est	\$1,562
Lease	--
Availability	2025
RANGE	
EV Range	437-450 mi
MPGe	--
PERFORMANCE	
0-60 mph	3.4 sec
Top Speed	150 mph est.
BATTERY	
Volts	900V
Watts	123 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	828/909
Drive Type	AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	--
Charge Time DC	12 min
Connector	350kW CCS
CAPACITY	
Passengers	5 to 7
Cargo	21.3-111.9 cu ft
Towing	6,000 lbs
DIMENSIONS	
Curb Weight	6,300 lbs est.
Length	119 in
Width	87 in
Height	65 in



Story: Christopher Alan, Photos: Lucid Motors



2022-2025

BMW iX xDrive50

The BMW iX is the brand’s most original vehicle yet and has received accolades for its interior, performance, and range. Different from the i4, the iX is built on a separate architecture but has commonality with CLAR models. It’s built using an aluminum space frame that supports an inner carbon fiber reinforced plastic core, which debuted on the previous generation 7 series and i3. The standard eDrive50 model comes with a 516 horsepower, dual motor arrangement for standard all wheel drive. It can reach 60 miles per hour from zero in 4.4 seconds, nearly matching the M50 performance model of the i4. Like the i4, it supports 200 kW fast charging for its 111.5 kWh battery, enabling a 10% to 80% charge in 40 minutes. With dimensions similar to an X5, the iX is another entry in BMW’s Sports Activity Vehicle lineup.

The interior of the iX is really the star of the show. As a premium offering from a premium brand, there are certain expectations for a vehicle like this, and those are certainly met by the iX. The interior is concept car worthy, with simple lines yet full featured, including the BMW Curved Display and iDrive 8 interface. Unique interior materials are offered, including faux leather and what BMW calls Loft, which is made from microfiber cloth.

Also unique to the iX are a hexagonal steering wheel and a panoramic glass roof that can be tinted in real time, using electrochromic elements in the glass. An 18 speaker Harman/Kardon audio system is standard.



ACQUISITION	
Base MSRP	\$87,250
60 Month@6% est	\$1,671
Lease	\$699
Availability	2022-present
RANGE	
EV Range	302-309 mi
MPGe	76-87
PERFORMANCE	
0-60 mph	4.4 sec
Top Speed	124 mph
BATTERY	
Volts	369V
Watts	111.5 kW
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	516/564
Drive Type	AWD
CHARGING	
Power Rating	11 kW
Charge Time L1	>11 hrs
Charge Time L2	<11 hrs
Charge Time DC	40 mins
Connector	CCS
CAPACITY	
Passengers	5
Cargo	35.5-77.9 cu ft
DIMENSIONS	
Curb Weight	5,670 lbs
Length	195 in
Width	77.4 in
Height	67.7 in



2024-2025

VOLVO EX90

The EX90 is Volvo's all-electric flagship SUV which combines Swedish design sensibility with cutting-edge technology. In this vehicle, Volvo demonstrates that co-conscious engineering need not detract from a premium driving experience. At the heart of the EX90's distinction is its advanced safety and driver assistance systems, which Volvo has long been famous for. Equipped with cameras, radar, and Luminar Iris LiDAR sensors, the EX90 is designed to assist the driver to anticipate and react to potential hazards in real-time. The LiDAR sets it apart from most electric SUVs, which rely primarily on cameras and radar. Volvo's Safety Intelligence System continuously processes sensor data to protect both occupants and pedestrians. The EX90 doesn't compromise in performance. With a punchy 402 hp dual-motor AWD drivetrain, it delivers acceleration from 0 to 60 mph in under 5.7 seconds, and under 4.7 seconds in the 517 hp performance trim. A 111 kWh capacity battery provides the EX90 with EPA-estimated range of up to 310 miles, making family road trips economical as well as convenient. Its 250kW fast DC charging capabilities can add up to 200 miles of range in just 30 minutes. The EX90's interior modestly showcases Volvo's signature Scandinavian aesthetic, with a spacious cabin featuring sustainable materials such as wool, recycled plastics, and leather-free upholstery. Its high fidelity Bowers & Wilkins infotainment system soothes, and intuitive voice controls and smart navigation, powered by Google, integrate seamlessly with cockpit controls. With the EX90, Volvo balances performance, safety and sustainability, making a solid contribution to premium electric mobility.





2022-2025

GMC Hummer EV SUV

The GMC Hummer EV SUV is an all-terrain powerhouse that defines the pinnacle of the light duty electric truck market. But that definition pushes the boundary of any use of the word light. The legacy of the Hummer is rugged off-road prowess. The Hummer EV SUV adds impressive performance. What sets the Hummer EV SUV apart from rival electric trucks is out-sized everything. The Hummer has a 3-motor all-wheel-drive system that delivers a staggering 1,000 horsepower and 11,500 lb-ft of torque measured at the wheels, enabling the EV to rocket from 0 to 60 mph in just 3.5 seconds, unprecedented for a 8,660 lb vehicle.

The Hummer EV SUV is a serious off-road machine. The Extreme Off-Road Package provides full underbody armor wraps steel plates and shields around the drive unit and battery pack, skid plates and rocker protectors.

The Hummer EV's CrabWalk feature allows the vehicle to steer diagonally to navigate tight trails or obstacles. An advanced air suspension system provides up to 16 inches of ground clearance, ensuring it can handle even challenging terrains.

With 315 miles of range on a full charge, the Hummer can reach relatively remote locations. Fast charging can add 200 miles of range in 20 minutes.

The Hummer's interior features premium materials, and massive 17.0-inch center console touchscreen and digital instrumentation behind the steering wheel. A Bose 14-speaker audio system creates an immersive audioscape. When you'd prefer to connect to nature, the Infinity Roof has four removable modular Sky Panels to enable topless driving.

ACQUISITION	
Base MSRP	\$96,550
60 Month@6% est	\$1,867
Lease	--
Availability	2022-present
RANGE	
EV Range	312-315 mi
MPGe	47-53
PERFORMANCE	
0-60 mph	3.5 sec
Top Speed	112 mph
BATTERY	
Volts	400-800V
Watts	246.8 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	625/7,400 -1,000/11,500
Drive Type	e4WD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	--
Charge Time DC	35 mins
Connector	CCS
CAPACITY	
Passengers	5
Cargo	35.9 cu ft
Towing	7,500-8,500 lbs
DIMENSIONS	
Curb Weight	8,673-9,063 lbs
Length	206.70 in
Width	86.7 in
Height	77.80 in



2015-2025

TESLA Model X

Tesla's Model X is the original electric SUV. The Silicon Valley automaker began delivering the world's first production sports utility EV back in 2015. The convention defying Model X got competitors serious about delivering their own electric SUVs although none have been as innovative to date.

The Model X sports a long, arched glass roof and 20- or 22-inch wheels. Its aerodynamically invisible recessed door handles confer both sleek styling and fuel efficiency. In any parking lot, the Model X still wows with rear falcon-wing doors that open vertically to afford easy entry and exit in tight spaces.

The Model X is at the top of its class in performance. Its 100-kWh battery pack supplies a 329-mile range, and the drive train efficiency nets the Model X a class-leading 94 combined MPGe. If 3.8-second 0-60 mph isn't fast enough for you, the top trim's Ludicrous Mode will get you there in 2.5 seconds. Tesla is known for its technology. The vehicle is equipped with all the latest safety features including auto e-braking, lane-departure warning, and adaptive cruise control. Its enormous 17-inch center touchscreen activates its music and climate systems and its semi-autonomous driving Autopilot mode.

For those with an ample budget, the Model X is a stellar choice for consumers in search of the ultimate high-end electric SUV.

ACQUISITION	
Base MSRP	\$84,990
60 Month@6% est	\$1,644
Lease	\$1,149
Availability	2015-present
RANGE	
EV Range	314-329 mi
MPGe	88-94
PERFORMANCE	
0-60 mph	2.5-3.8 sec
Top Speed	149-163 mph
BATTERY	
Volts	375V
Watts	100 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	670/670 -1,020/1,050
Drive Type	AWD
CHARGING	
Power Rating	16.5 kW
Charge Time L1	20 hrs
Charge Time L2	~10 hrs
Charge Time DC	38 min
Connector	NACS
CAPACITY	
Passengers	6-7
Cargo	92 cu ft
Towing	5,000 lbs
DIMENSIONS	
Curb Weight	5,148-5,248 lbs
Length	199.1 in
Width	84.4 in
Height	66.1 in





2022-2025

GMC Hummer EV Pickup

The Hummer is back, reincarnated as a battery electric. GM set out to make a statement and reestablish their chops in the EV engineering field with the Hummer EV. Built upon their Ultium architecture, the Hummer EV represents the limits of what a consumer EV can be, and in the case of this monster, what one can do as well. It isn't without some reasonable criticisms, as the necessity of such a huge, heavy passenger vehicle outfitted as a truck is definitely questionable, but if nothing else, GM has created something that will probably end up as a museum piece sometime in the future.

The Hummer EV has a lot of tricks that are only possible with an EV drivetrain. For a behemoth that weighs over 9,600 lbs, the 0-60 time of 3.3 seconds is definitely a sight to behold. Something that big has no business moving so quickly, yet it will, unleashing 0.74 g on occupants in the process. It can also "Crab Walk," which is GM's term for the trick 4 wheel steering program, which can essentially allow the Hummer EV to move diagonally, allowing it to negotiate rough terrain with finesse.

With a 246 kWh battery, 1,000 horsepower, 350 kW charging, and up to 381 miles of range, the Hummer EV really pushes the envelope of what an EV is capable of. The Hummer EV is only available in limited quantities, and will be reserved for people with very particular requirements.

ACQUISITION	
Base MSRP	\$96,550
60 Month@6% est	\$1,867
Lease	--
Availability	2022-present
RANGE	
EV Range	314-381 mi
MPGe	47-53
PERFORMANCE	
0-60 mph	3.3 sec
Top Speed	106 mph
BATTERY	
Volts	400-800V
Watts	246.8 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	570/7,400 -1,000/11,500
Drive Type	e4WD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	--
Charge Time DC	35 mins
Connector	CCS
CAPACITY	
Passengers	5
Cargo	60.1" Bed Length
Towing	8,500-12,000
DIMENSIONS	
Curb Weight	9,063 lbs
Length	216.8 in
Width	86.7 in
Height	79.1 in



2023-2025

TESLA Cybertruck

With its angular, low polygon body of durable cold-rolled stainless steel, the vehicle passes as either a spaceship on wheels or a child's interpretation of one, depending on your level of admiration or antipathy for edgy design. The Cybertruck is probably one of the most polarizing automotive concepts of all time, especially due to Elon Musk's new role as a full-time chaos agent alongside his \$56 billion dollar no-show gig as CEO of Tesla. For a current owner's perspective on driving the Cybertruck and other EVs read "Insider Insights" on page 3.

Appearance aside, the Cybertruck's performance is impressive. The top trim Beast has a demonstrated 0-60 mph time of 2.6 seconds, quick enough to get you in serious trouble if you don't exercise some restraint. Just to make clear exactly how fast the Beast is, that is nearly 22% quicker than the 670 horsepower Charger Daytona Scat Pack muscle car. Despite that terrifying or inspiring performance, depending on your viewpoint, Cybertruck sales have stalled at less than 50,000 units as of Q2 2025, despite a reported two million reservations. It could be that genuine technical innovations like super rugged body panels, steer-by-wire, 48V electrical system, a new data bus, and four wheel steering are not enough to overcome the \$40,000 price increase for the base model versus what was promised at the original unveiling.

Or it could be that Musk's destructive urges ("We spent the weekend feeding USAID into the wood chipper") cools the enthusiasm of supporters.

ACQUISITION	
Base MSRP	\$79,990
60 Month@6% est	\$1,260
Lease	\$899
Availability	2023-present
RANGE	
EV Range	320-445 mi
MPGe	--
PERFORMANCE	
0-60 mph	2.6- 4.1 seconds
Top Speed	130 mph
BATTERY	
Volts	--
Watts	100, 120, 200 kWh
Cooling	Liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	--
Drive Type	AWD
CHARGING	
Power Rating	11 kW
Charge Time L1	32, 38, 64 hrs
Charge Time L2	11, 13, 21.5 hrs
Charge Time DC	22, 30, 45 mins
Connector	NACS
CAPACITY	
Passengers	5
Cargo	128 cu ft
Towing	11,000 lbs
DIMENSIONS	
Curb Weight	6,898 lbs
Length	223.7 in
Width	95 in
Height	70 in





2023-2025

CHEVROLET Silverado EV

The Chevrolet Silverado EV is a strong, durable, performance truck that debuted in 2023 in the RST and WT (Work Truck) models. With an EV range of up to 460 miles and DC Fast Charging up to 350 kW, it adequately compares to the popular Rivian R1T and Ford F-150 Lightning.

Most notably, this EV truck has a frunk (eTrunk, as they call it) that can fit a large suitcase, a 5'11" bed, multi-flex mid-gate, and a multi-flex tailgate. With four positions on the mid-gate and six positions on the tailgate, there are many ways that you can comfortably fit gear, storage, and passengers in the 10'10" of total storage. Plus, a tonneau cover is available.

The Silverado EV offers 12,500 lbs towing capacity and 1,300 lbs payload, is capable of charging other EVs, and introduces the first super-cruise option for towing – making this the industry's first driving assistance technology that is compatible with trailering.

The interior boasts a 17" infotainment screen, along with an 11" driver display and a heads-up display on the front windshield. As you may have seen in other EVs, the Silverado has a fixed glass roof and a hands-free start.

Another competitor in the EV Truck market is always welcomed, but the Chevy Silverado is bound to become the best in its class. The high-tech design makes driving, working, and adventuring, easy and enjoyable.

ACQUISITION

Base MSRP	\$73,100
60 Month@6% est	\$1,414
Lease	--
Availability	2023-present

RANGE

EV Range	390-460
MPGe	64-70

PERFORMANCE

0-60 mph	<4.5- 5.8 sec
Top Speed	113 mph

BATTERY

Volts	--
Watts	119-205 kW
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	510/615 - 754/785
Drive Type	4WD

CHARGING

Power Rating	10.2 kW
Charge Time L1	--
Charge Time L2	11.5-18.6 hrs
Charge Time DC	--
Connector	CCS

CAPACITY

Passengers	5
Cargo	5'11" truck bed
Towing	12,500 lbs

DIMENSIONS

Curb Weight	8,532-9,100 lbs
Length	233.1 in
Width	83.8 in
Height	78.7 in



2024-2025

GMC Sierra EV

One of the Sierra EV's most notable features is its massive 205 kWh battery option. This giant powerpack provides 460 miles of range, despite an eye watering 8800 lb curb weight, and impressive 0-60 performance of just 4.5 seconds.

The Sierra EV's dual-motor all-wheel drive system churns out 760 horsepower and 785 lb-ft of torque. This Herculean brawn delivers a payload capacity of 1,300 pounds and a towing capacity of up to 10,000 pounds. The ProGrade Trailering system, which includes an integrated brake controller, a hitch-view camera, trailer tire pressure sensors, trailer camera and blind-spot monitoring make this truck a serious hauler. An optional Air Ride Adaptive Suspension gives a cush ride and can raise and lower the truck for easier entry and better ground clearance when needed. At low speeds, the truck's 4-wheel steer capability, which it shares with the Hummer, enables diagonal movement GM calls CrabWalk.

Sierra EV's 800-Volt, 350kW DC fast-charging capabilities can replenish up to 200 miles of range in 20 minutes, making long trips easy. The Sierra EVs spacious, well-appointed cabin features a 11.0-inch digital gauge cluster behind the steering wheel, 14' diagonal multicolor Head-Up Display and 16.8" diagonal center touchscreen.

At job and camp sites, the truck's Power Station Pro provides 10.2kW of power from 120v and 240v outlets. The truck has a Vehicle-to-Home (V2H) capability which allows you to bypass the on-board inverters and tap the truck's massive 205 kWh as if it were a stationary home battery.

ACQUISITION

Base MSRP	\$89,900
60 Month@6% est	\$1,721
Lease	--
Availability	2024-present

RANGE

EV Range	390-460 mi
MPGe	51

PERFORMANCE

0-60 mph	4.5 sec
Top Speed	112 mph

BATTERY

Volts	800V
Watts	205 kW
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	760/785
Drive Type	AWD

CHARGING

Power Rating	--
Charge Time L1	--
Charge Time L2	--
Charge Time DC	--
Connector	--

CAPACITY

Passengers	5
Cargo	57.5 cu ft
Towing	10,000 lbs

DIMENSIONS

Curb Weight	8,800 lbs
Length	233.4 in
Width	83.8 in
Height	78.7 in





2022-2025

FORD F-150 Lightning

Ford’s all-electric F-150 Lightning is a substantial upgrade to the legendary pickup, with features like Pro Power that can supply 120V and 240V from 7 onboard outlets to job sites or can power camp sites for an entire weekend.

For over thirty years, the most popular vehicle sold in the US has been the F-150, and with an electric option, Ford is again among the favorites in the EV category.

With the Lightning, Ford has blended traditional F-150 parts and conventional looks with a dedicated EV platform. The truck looks the same as any other F-150 with the exception of badging, lighting details, and the lack of a tailpipe and the rumble that goes with it. Serene silence is the signature characteristic of this workhorse.

The Lightning’s specs are impressive. The payload and towing capacities max at 2,000 and 10,000 lbs respectively. Two battery choices are available, both with AWD standard: 98 kWh and 131 kWh, providing 240 to 320 miles of range.

With extra hardware, the truck can turn into a clean, silent power station capable of powering an entire house through the circuit panel if needed.

Unlike other electric truck manufacturers, Ford made the Lightning available in base trim levels at an affordable price as well as top trim like the Platinum at premium prices. Now that the truck has been on the market for a few years, used trucks are available, and relative to the other electric truck options, they are a bargain.

ACQUISITION	
Base MSRP	\$62,995
60 Month@6% est	\$1,218
Lease	\$739
Availability	2022-present
RANGE	
EV Range	240-320 mi
MPGe	66-70
PERFORMANCE	
0-60 mph	3.8-4.2 sec
Top Speed	110 mph
BATTERY	
Volts	--
Watts	98-131 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	452/775 - 580/775
Drive Type	AWD
CHARGING	
Power Rating	11.3-19.2 kW
Charge Time L1	--
Charge Time L2	8-19 hrs
Charge Time DC	41-122 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	52.8 cu ft
Towing	7,700-10,000 lbs
DIMENSIONS	
Curb Weight	6,015-6,893 lbs
Length	232.7 in
Width	80 in
Height	78.3 in



Story: Staff, Photos: Ford



2020-2025

RIVIAN R1T

It is essentially a law of nature that when an individual rises to the top, a competitor soon emerges to rival its dominance. Such is the case with Rivian. The sustainable transportation startup aims to dethrone Tesla and become the industry’s new king of the hill and is making its case with two impressive high-caliber electric adventure vehicles. Even at a glance, the quad-motor AWD R1T is as remarkably different as its engineers intended. The pickup’s sparse accent lines, which swoop upward at near 90-degree angles along the back doors and haunches, convey a futuristic, minimalist look. Its four-bulb stadium headlights and daytime light-bar add to its uniqueness. Torque vectoring for responsive off-roading, along with 14.9 inches of ground clearance, 3.5 feet of water fording, and 11,000 pounds of towing are just some of the R1T’s many robust performance capabilities. The truck’s bed, with a lift gate that swings down 180 degrees for easy loading, is a modest 3.5 feet long. The R1T offsets this with auxiliary storage, including an 11-cubic-foot frunk and a cargo tunnel adjacent to the rear wheels wide enough to fit skis or a surfboard. The shallow back affords a spacious five-seat cabin for comfortable trips with friends. Rivian took a page out of Tesla’s book in crafting the R1T’s interior, which employs a simple wood dash interrupted only by a digital gauge cluster and a landscape-oriented infotainment touchscreen. With ingenious design and specs that speak for themselves, Rivian has positioned the R1T a front runner in the EV pickup race.

ACQUISITION	
Base MSRP	\$69,900
60 Month@6% est	\$1,352
Lease	\$739
Availability	2020-present
RANGE	
EV Range	270-420 mi
MPGe	68-87
PERFORMANCE	
0-60 mph	2.5-4.5 sec
Top Speed	112 mph
BATTERY	
Volts	--
Watts	162-163 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	533/600 - 1,025/908
Drive Type	AWD
CHARGING	
Power Rating	11.5 kW
Charge Time L1	--
Charge Time L2	13 hrs
Charge Time DC	68 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	62 cu ft
Towing	11,000 lbs
DIMENSIONS	
Curb Weight	7,148 lbs
Length	217.1 in
Width	82 in
Height	78.2 in



Story: Staff, Photos: Rivian



2020-2025

RIVIAN R1S

Unsatisfied with kicking off its brand with just one breakthrough vehicle, Rivian launched the R1S sports utility vehicle alongside the R1T pickup truck. The R1S is a seven-passenger AWD high-performance EV that brings some healthy competition to Tesla’s Model X—formerly the only three-row all-electric SUV. While the two vehicles belong to the same segment, their appearances are strikingly different. The R1S’s flat, boxy exterior contrasts with the Model X’s curvy body. The R1S, unlike the Model X, is off road–capable, sharing the R1T’s 14.9-inch ground clearance, 3.5-foot wading depth, and sophisticated torque vectoring enabled by a dedicated electric motor at each wheel. Its 34.8° approach angle, 34.3° departure angle, and 28.9° breakover angle enable durable all-terrain climbing. Both the R1S and the R1T are built using the same electric platform and boast exceptional specs, including 533-1,025 horsepower, 600-908 pound-feet of torque, and a 0-60 mph time of 2.5 seconds. The R1S top trim carries a 180-kWh battery pack that endows it with a 371 mile range. The batteries are aligned in single rows on their “skateboard” chassis, achieving a low-center of gravity for superb handling. The R1S doesn’t quite match the R1T’s towing capacity, but manages 7,700 lbs. Inside, the R1S sports light-up accents throughout the cabin and an electric flashlight set in the door trim. Its interior is made of leather and sustainably sourced wood. Although the initial cargo space is tight at 5.1 cubic feet, the third row is removable for increased capacity. Look for the R1S to turn heads in the nascent EV off-roading segment.

ACQUISITION	
Base MSRP	\$75,900
60 Month@6% est	\$1,468
Lease	\$779
Availability	2020-present
RANGE	
EV Range	270-371 mi
MPGe	68-85
PERFORMANCE	
0-60 mph	2.5-4.5 sec
Top Speed	110 mph
BATTERY	
Volts	--
Watts	105-180 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	533/600 – 1,025/908
Drive Type	AWD
CHARGING	
Power Rating	11.5 kW
Charge Time L1	--
Charge Time L2	13 hrs
Charge Time DC	68 min
Connector	CCS
CAPACITY	
Passengers	7
Cargo	17.66-104.7 cu ft
DIMENSIONS	
Curb Weight	7,068 lbs
Length	200.8 in
Width	82 in
Height	77.3 in



Story: Staff, Photos: Rivian



2021-2025

JEEP Wrangler 4xe

The most iconic off-roader in the US has transitioned into a new era with the Jeep Wrangler 4xe. Available as a four-door (Unlimited) and powered by a unique plug-in hybrid powertrain, the 4xe was Jeep’s first foray into the electrified vehicle space. Touted by Jeep as the “Industry’s First Electrified Open-Air SUV” the 4xe combines a turbo 4 cylinder engine along with an electric motor built into the 8 speed automatic transmission. This allows for full EV, Hybrid, or E-Save modes, selectable with a push of a button. In full EV mode, the 4xe can go up to 49 miles before the turbo 4 cylinder takes over. Interestingly, the 4WD system of the 4xe is exactly the same as the normal gas models, allowing for the same capability off road. This was done purposely, to prove the capabilities of the PHEV system and show there is no compromise with the 4xe. While not the most efficient PHEV by any stretch of the imagination, it is one of the only ones that can claim to ford 30 inches of water (Jeep later issued guidance of 19 inches). The interior is water resistant but not waterproof. The most important and unique characteristic of the Wrangler 4xe may be simply that it is a Wrangler, which includes all the capabilities, quirky features, and compromises that come with one. Some of those include being able to tow 3,500 pounds, removing the doors, and 20 MPG.

ACQUISITION	
Base MSRP	\$50,695
60 Month@6% est	\$981
Lease	\$249
Availability	2021-present
RANGE	
EV/ICE Range	49/370 mi
MPGe/MPG	49/20
PERFORMANCE	
0-60 mph	5.2 sec
Top Speed	112 mph
BATTERY	
Volts	400V
Watts	17 kWh
Cooling	--
DRIVETRAIN (HYBRID)	
HP/Lb-ft	270/375
Drive Type	4WD
CHARGING	
Power Rating	7.2 kW
Charge Time L1	12 hrs
Charge Time L2	2.4 hrs
Charge Time DC	N/A
Connector	J1772
CAPACITY	
Passengers	5
Cargo	27.7-67.4 cu ft
Towing	3,500 lbs
DIMENSIONS	
Curb Weight	5,177 lbs
Length	188.4 in
Width	73.9 in
Height	73.5 in



Story: Staff, Photos: Jeep



2024-2025

VOLKSWAGEN ID.BUZZ

The Volkswagen ID.Buzz is an all-electric minivan that pays homage to the iconic VW Microbus with its retro-inspired design while offering modern technology and practicality. The U.S. version comes in a three-row, seven-passenger configuration, boasting a spacious interior with flexible seating and a substantial cargo capacity of up to 145.5 cubic feet with the second and third rows folded and the third row removed. Power operated sliding doors and tailgate ease entry and exit. The ID.Buzz offers both rear-wheel drive (282 hp) and all-wheel drive (335 hp) powertrains. The all-wheel-drive version achieves 0-60 mph in 6 seconds. It's equipped with an 91 kWh battery, providing an EPA-estimated range of up to 234 miles for the rear-wheel-drive model and slightly less for the all-wheel-drive variant. The ID.Buzz supports 200 kW DC fast charging, allowing it to charge from 10% to 80% in about 26 minutes. Towing capacity is 2,600 lbs. The ID.Buzz has a 10-inch digital instrument cluster and a 12-inch infotainment touchscreen with wireless App-Connect. Heads up display is available. VW's IQ.DRIVE provides a suite of hands-on driver-assistance features. The removable center console helps manage small item storage. Heated and ventilated massaging front seats are an option. A panoramic glass roof with electronic smart dimming gives the entire cabin an expansive feel. Optional two-tone paint help give the Buzz a retro look. While the ID.Buzz captures the charm of its predecessor with a modern twist and offers ample space and electric efficiency, its real-world highway range is disappointingly limited, especially for its \$61,545 starting price including destination charge.

ACQUISITION	
Base MSRP	\$59,995
60 Month@6% est	\$1,149
Lease	--
Availability	2024-present
RANGE	
EV Range	231-234 mi
MPGe	80-83
PERFORMANCE	
0-60 mph	6-6.7 sec
Top Speed	99 mph
BATTERY	
Volts	--
Watts	91 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	282/406 - 335/406
Drive Type	RWD/AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	9 hrs
Charge Time DC	--
Connector	CCS
CAPACITY	
Passengers	6 to 7
Cargo	19-145.5 cu ft
Towing	2,600-3,500 lbs
DIMENSIONS	
Curb Weight	6,174 lb
Length	195.4 in
Width	78.1 in
Height	76.2 in



Story: Christopher Alan, Photos: Volkswagen



2024-2025

KIA EV9

The EV9 is a three-row SUV that offers a spacious interior and modern design. Its boxy exterior features flush door handles and distinctive vertical LED headlights and taillights. The EV9 seats up to seven passengers, or six with second-row captain's chairs. The cabin has a minimalist dashboard featuring two 12.3-inch touchscreen panoramic displays and a 5-inch climate control touchscreen. High-quality, sustainable materials are used throughout the interior. A UV-resistant sunroof contributes to a cool, light, airy ambiance while a high-efficiency heat pump provides climate-control. The EV9's 800V ultra-fast charging allow it to charge from 10% to 80% in approximately 24 minutes using a 350kW DC fast charger. The EV9 is available in RWD and AWD configurations with battery sizes ranging from 76.1 kWh achieving 230 miles in the Light trim, to 99.8 kWh supplying 304 miles in the long range configuration. The RWD EV9 achieves 0-60 in 7.7 seconds, agile for a full size SUV, while the AWD model sprints to 60 in 5.7 seconds. The high performance GT model achieves 0-60 mph in a blistering 4.3 seconds. The rear cargo space holds 20 cubic feet and up to 82 cubic feet with both the second and third rows folded. For serious hauling, the EV9 is capable of towing up to 5,000 lbs. Although priced several thousand cheaper than the Rivian R1S and Tesla Model X, solid performance makes the EV9 a strong contender in the family SUV segment.

ACQUISITION	
Base MSRP	\$54,900
60 Month@6% est	\$1,051
Lease	\$467
Availability	2024-present
RANGE	
EV Range	230-304 mi
MPGe	80-89
PERFORMANCE	
0-60 mph	4.3-7.7 sec
Top Speed	118-124 mph
BATTERY	
Volts	552v-632V
Watts	76.1-99.8 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	215/258 - 379/516
Drive Type	RWD/AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	7/9 hrs
Charge Time DC	24 min
Connector	CCS, J1772
CAPACITY	
Passengers	6 to 7
Cargo	20.2- 81.7 cu ft
Towing	5,000 lbs
DIMENSIONS	
Curb Weight	5,093-5,840 lbs
Length	197.4 in
Width	77.9 in
Height	70.1 in



Story: Christopher Alan, Photos: Kia



2022-2025
GENESIS
GV60

Hyundai Motor's luxury brand Genesis developed the new GV60 based on the same E-GMP platform as the Kia EV6 and Hyundai Ioniq 5. The dual motor, all wheel drive arrangement delivers muscle-car level output. If the 429 hp of the "Performance" version isn't quite enough to complete your freeway merge, the GV60 will willingly provide a heart-quickenning "overboost" of 483 horses, scooting you from 0-60 mph in just 4 seconds. Insert superlative exclamation here. With more rational accelerator control, driving range varies from 235 for the Performance model while the more mild mannered Advanced trim manages 294 miles per charge, both from a 77.4-kWh battery. DC fast charge rates peak at 250kW, which is enough to refuel from 10-80% in 18 minutes.

When entering the GV60, a camera on the B-pillar scans your face and unlocks the doors. Once inside, a fingerprint reader will start the vehicle. Welcome to the machine. Rest easy though. The GV60's tranquil, silent cabin, with its clean, uncluttered appearance soothes. Heated and ventilated front seats provide an additional level of comfort. Two side-by-side 12.3-inch screens mounted on a center pod display a digital gauge cluster directly ahead of the driver and a center multifunction touchscreen provides navigation, temperature control and management of the standard-equipment Bang & Olufsen stereo system. On the center armrest, a crystal sphere flips to reveal a gear selector when the SUV is powered up.

Genesis clearly has confidence in the reliability of the GV60. Its standard warranty covers 5 years or 60,000 miles. The powertrain warranty covers 10 years or 100,000 miles.

ACQUISITION

Base MSRP	\$52,350
60 Month@6% est	\$1,013
Lease	\$349
Availability	2022-present

RANGE

EV Range	235-294 mi
MPGe	90-112

PERFORMANCE

0-60 mph	4 sec
Top Speed	--

BATTERY

Volts	697V
Watts	77.4 kWh
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	225/258 - 429/516
Drive Type	RWD/AWD

CHARGING

Power Rating	10.9 kW
Charge Time L1	68 hrs
Charge Time L2	7 hrs
Charge Time DC	18 min
Connector	CCS

CAPACITY

Passengers	5
Cargo	54.7 cu ft

DIMENSIONS

Curb Weight	4,696-4,890 lbs
Length	177.8 in
Width	74.4 in
Height	62.4 in



2022-2025
CADILLAC
LYRIQ

Cadillac launched its EV transition with the impressive Lyriq crossover. Based on GM's Ultium platform, the Lyriq looks to reset what customers can expect a Cadillac to be. Moving upmarket, the Lyriq will be one of the most original and expressive cars that Cadillac has ever produced. The production model looks more like a concept car versus a production vehicle yet it has an attainable price tag.

The interior is dominated by a huge curved screen, measuring 33 inches, that contains both the driver information center and the infotainment system, similar to the Escalade. It also features GM's Super Cruise, the first and most prolific hands-free semi autonomous driving system in the industry.

Two drivetrains and one battery pack are offered, with the capacity sitting just above 100 kWh, allowing the single motor version to go 326 miles on a charge. Selecting the AWD option adds power, going from 350 to 515 horsepower.

A high end 19 speaker AKG audio system is available in the Lyriq, allowing for an immersive audio experience. An interesting feature of the Lyriq is the approach/welcome lighting show, that makes the exterior lights "dance" as you approach the car. All of these features help Cadillac change its once stodgy brand image and bring in new customers.

ACQUISITION

Base MSRP	\$58,595
60 Month@6% est	\$1,133
Lease	\$489
Availability	2022-present

RANGE

EV Range	303-326 mi
MPGe	89

PERFORMANCE

0-60 mph	5.7 sec
Top Speed	118 mph

BATTERY

Volts	--
Watts	102 kWh
Cooling	liquid

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	365/325 - 515/450
Drive Type	RWD/AWD

CHARGING

Power Rating	19.2 kW
Charge Time L1	~15 hrs
Charge Time L2	5-8 hrs
Charge Time DC	30 min
Connector	CCS

CAPACITY

Passengers	5
Cargo	28-60.8 cu ft

DIMENSIONS

Curb Weight	5,610 lbs
Length	196.7 in
Width	86.9 in
Height	64.3 in





2017-2025

VOLVO XC60 Plug-in Hybrid

The XC60 Plug-in Hybrid is a thoroughly modern Volvo that matches up favorably with German SUVs on every axis. Like the larger XC90, the XC60 has a “twin engine” configuration, which combines a gas engine that drives the front wheels with an electric motor that drives the rear wheels. The 2.0-liter, four-cylinder engine is both supercharged and turbocharged to yield an impressive combined 455 horsepower and 523 pound-feet of torque. 0-60 mph is impressive at 4.5 seconds. Volvo’s philosophy for driver assist technology is making sure the driver stays engaged while driving. Lane-keeping does not keep the car centered in the lane, but will steer off the side of a lane if the car drifts toward a lane marker. It will also gently correct if a car is in the driver’s blind spot during lane changes. A nine-inch Sensus touchscreen on the center console is angled slightly toward the driver. The panel provides navigation, Apple CarPlay, and 360-degree visibility including a rear parking camera. The cross-traffic alert system guards against cars approaching from the side when backing up. Hands-free controls are provided by Apple’s Siri. Volvo has incorporated some thoughtful and clever usability features. The rear lift gate can be opened by sweeping your foot under the rear bumper, permitting hands-free entry when loading groceries or packages. Switches located on the rear edge of the cargo area fold down the rear seats. Storage areas under the rear seats can be used to store personal electronics safely out of sight. The five-passenger XC60 Recharge has a 3,500-pound towing capacity.

ACQUISITION	
Base MSRP	\$58,020
60 Month @ 6% est	\$1,122
Lease	\$629
Availability	2017-present
RANGE	
EV/ICE Range	35/524 mi
MPGe/MPG	63/28
PERFORMANCE	
0-60 mph	4.5 sec
Top Speed	112 mph
BATTERY	
Volts	--
Watts	18.8 kW
Cooling	--
DRIVETRAIN (HYBRID)	
HP/Lb-ft	455/523
Drive Type	AWD
CHARGING	
Power Rating	3.6 kW
Charge Time L1	--
Charge Time L2	5 hrs
Charge Time DC	N/A
Connector	J1772
CAPACITY	
Passengers	5
Cargo	22.4-63.3 cu ft
DIMENSIONS	
Curb Weight	4,664 lbs
Length	185.4 in
Width	78.7 in
Height	65.2 in



Story: Staff, Photos: Volvo



2024-2025

ACURA ZDX

The ZDX is Acura's entry into the all-electric SUV market, reviving a name from their past for a modern, technologically advanced vehicle. Built on GM's Ultium EV platform, the ZDX offers a fusion of Acura's design and technology with a proven electrical architecture.

The ZDX is available in both rear-wheel-drive and all-wheel-drive configurations. The base single-motor RWD produces 358 hp and has an EPA-estimated range of 313 miles. The dual-motor AWD boots power to 499 hp with a range of 304 miles. The top-tier Type S features AWD which delivers 499 hp and can reach 60 mph in 4.3 seconds. The Type S also includes high-performance Brembo brakes and adaptive air suspension. Towing capacity is 3,500 lbs.

The five-passenger ZDX features a spacious and comfortable cabin with standard leather upholstery and a panoramic sunroof. Technology highlights include an 11-inch digital instrument cluster, a 11.3-inch infotainment touchscreen with Google built-in, wireless Apple CarPlay and Android Auto, and a Bang & Olufsen premium sound system. The ZDX comes equipped with AcuraWatch safety and driver-assistance features, with the Type S offering the advanced AcuraWatch 360+ system, including hands-free driving capabilities on compatible roads. The ZDX has 190kW DC fast-charging, allowing for 160 miles of range to be added in 20 minutes for the RWD model. The onboard Level 2 charger is capable of 11.5kW which will provide about 30 miles of range per hour of charge, enough for a full charge overnight even if you've returned home near empty.

ACQUISITION	
Base MSRP	\$64,500
60 Month @6% est	\$1,247
Lease	--
Availability	2024-Present
RANGE	
EV Range	278-313 mi
MPGe	--
PERFORMANCE	
0-60 mph	4.3 sec
Top Speed	131 mph
BATTERY	
Volts	400V
Watts	102 kW
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	358/324-499/544
Drive Type	RWD/AWD
CHARGING	
Power Rating	11.5 kW
Charge Time L1	--
Charge Time L2	8 hrs
Charge Time DC	42 min
Connector	--
CAPACITY	
Passengers	5
Cargo	28.7-63 cu ft
DIMENSIONS	
Curb Weight	5,421-6,052 lb
Length	197.7 in
Width	77 in
Height	64.4 in



Story: Christopher Alan, Photos: Acura



2024-2025
POLESTAR
3

The Polestar 3 is a sleek and powerful all-electric mid-size luxury SUV. The Polestar 3 is exclusively a five-seater, emphasizing sporty driving dynamics and a minimalist Scandinavian design. The Polestar 3 has a dual-motor all-wheel-drive system. The Long Range Dual Motor variant produces 489 hp and 620 lb-ft of torque, achieving 0-60 mph in approximately 4.8 seconds, with an EPA-estimated range of around 315 miles from its 111 kWh battery. The Performance Pack boosts output to 517 hp and 671 lb-ft, lowering the 0-60 mph time to about 4.5 seconds, with a slightly reduced range of around 279 miles. A Long Range Single Motor variant is also available, offering a longer EPA-estimated range of up to 350 miles with 299 hp and rear-wheel drive.

A central 14.5-inch touchscreen is powered by Android Automotive OS, integrating Google Assistant, Maps, and Play Store. A 9-inch digital instrument displays driver data. Polestar 3 provides a suite of advanced driver-assistance systems. High-quality, sustainable materials are used throughout the spacious cabin. A heat pump provides efficient climate control. The Polestar 3 supports DC fast charging up to 250 kW, allowing for a 10-80% charge in around 30 minutes.

With a blend of performance, range, technology package and distinctive design, the Polestar 3 positions itself as a credible contender in the premium electric SUV market. 2.99% APR financing and \$15,000 lease incentives were available at the time of writing, making the Polestar 3 very competitively priced. For Tesla owners, a \$20,000 lease incentive is available.

ACQUISITION

Base MSRP	\$67,500
60 Month@6% est	\$1,305
Lease	\$599
Availability	2024-present

RANGE

EV Range	279-350 mi
MPGe	77-95

PERFORMANCE

0-60 mph	4.5-7.8 sec
Top Speed	112-130 mph

BATTERY

Volts	400V
Watts	111 kWh
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	299/361 – 517/671
Drive Type	RWD/AWD

CHARGING

Power Rating	--
Charge Time L1	--
Charge Time L2	11 hrs
Charge Time DC	30 min
Connector	--

CAPACITY

Passengers	5
Cargo	40.1-43.7 cu ft

DIMENSIONS

Curb Weight	5,298-5,791 lbs
Length	192.9 in
Width	77.4 in
Height	63.5- 63.7 in



2024-2025
CADILLAC
OPTIQ

The Cadillac OPTIQ is an all-electric compact luxury SUV positioned as a more accessible entry point to Cadillac's EV lineup, slotting below the larger LYRIQ. The OPTIQ shares the GM platform and powertrain also used in the Equinox.

Stylistically, the OPTIQ embodies Cadillac's modern design language, featuring sharp lines, vertical lighting signatures, and a sleek, aerodynamic profile. It possesses a stylish and contemporary aesthetic which aligns with Cadillac's premium image.

As you would expect of a Cadillac, the OPTIQ offers a refined, high-tech cabin. High-quality materials, comfortable seating for five passengers, and intuitive technology. A large infotainment touchscreen, integrated with Google software, is a central cabin feature, along with a digital instrument cluster and advanced connectivity options. Cadillac includes Super Cruise hands-free driving mode for all OPTIQs as standard equipment.

The OPTIQ is available only in all-wheel drive. The 85 kWh battery provides 302 miles of range, reasonably competitive at its \$53 - \$57k price point. 150 kW DC fast charging allows for adding about 158 miles of range in 20 minutes when traveling or opportunity charging in town. Home or work 240V Level 2 charging is available in either 11.5 kW or 19.2 kW. Either will charge the car to full overnight.

The Cadillac OPTIQ aims to attract a broader audience to the brand by offering a smaller, more affordable option without compromising on Cadillac's signature style and technology.

ACQUISITION

Base MSRP	\$52,895
60 Month@6% est	\$1,023
Lease	\$389
Availability	2024-present

RANGE

EV Range	302 mi
MPGe	--

PERFORMANCE

0-60 mph	5.9 sec
Top Speed	112 mph

BATTERY

Volts	400V
Watts	85 kWh
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	300/354
Drive Type	AWD

CHARGING

Power Rating	--
Charge Time L1	--
Charge Time L2	--
Charge Time DC	--
Connector	CCS, J1772

CAPACITY

Passengers	5
Cargo	26-57 cu ft

DIMENSIONS

Curb Weight	5,192 lbs
Length	190 in
Width	84 in
Height	65 in





2020-2025
TESLA
Model Y

Based on the best-selling Model 3’s electric platform, the Model Y sports a wide, dipping midline, high rear roof, and relatively low ride height.

The Model Y is 10 percent bigger than the Model 3 but smaller than the Model X, offering consumers a compact SUV option. It is nonetheless spacious with a max cargo space of 76 cubic feet and an all-glass roof for increased headroom. The Model Y is seven-seat-capable with an optional \$3,000 third row. Omitting a standard dash cluster, Tesla’s famous 15-inch center mounted touchscreen is perhaps more notable for its outstanding navigation and entertainment software. The navigation is unmatched by any other competitor. The system will plan an entire trip for you, reporting leg time, charge time, how many chargers are available and currently in use, and what nearby amenities are available (WiFi, food, shopping).

Tesla’s controversial "Full Self-driving" is promised sometime in the indeterminate future with an over the air update. For now, the company instructs drivers to keep their eyes on the road and hands on the wheel during operation of what are really only active driver assist technologies. The Model Y is rated best-in-class for safety. All four trims are equipped with 360-degree camera-enabled visibility, a dozen ultrasonic sensors to detect nearby vehicles, and collision warning and auto e-braking to prevent accidents. With access to over 14,000 Superchargers around the world, the Model Y is outstanding for long distance road tripping.

ACQUISITION	
Base MSRP	\$59,990
60 Month@6% est	\$1,160
Lease	\$699
Availability	2020-present
RANGE	
EV Range	327 mi
MPGe	117
PERFORMANCE	
0-60 mph	4.1 sec
Top Speed	125 mph
BATTERY	
Volts	--
Watts	74 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	--
Drive Type	AWD
CHARGING	
Power Rating	11 kWh
Charge Time L1	23.75 hrs
Charge Time L2	8 hrs
Charge Time DC	30 min
Connector	NACS
CAPACITY	
Passengers	5
Cargo	76 cu ft
DIMENSIONS	
Curb Weight	4,396lbs
Length	188.6 in
Width	83.8 in
Height	63.9 in



2020-2025
VOLVO
EX40

The EX40 (formerly known as XC40 Recharge) was Volvo’s first all electric SUV, heralding the company’s coming era of EV only production. Like its petrol-powered counterpart, the EX40 sports the traditional exterior characteristic of Volvo’s crossovers. Its boxy shape allows for a roomy cabin and decent trunk storage along with a one-cubic-foot frunk under the hood. Inside the cabin, you’ll find an all-black interior and a stylish moon roof. A center touchscreen tilted slightly toward the driver’s side houses its Android-based infotainment system. The system comes equipped with Google Assistant, Maps, and Play, boast a top quality voice assistant, and permit over-the-air software updates.

The EX40’s performance is competitive. With an electric AWD powertrain, the vehicle has 402 horsepower and a 0-60 mph time of 4.6 seconds along with 2,000 pounds of towing. The battery, housed in an aluminum safety cage beneath its floor, provides 260-296 miles of range. The EX40 was the first car to include Volvo’s new Advanced Driver Assistance System of state-of-the-art cameras, radar, and ultrasonic sensors, which, according to Volvo, “lays the foundation for...autonomous drive technology.”

ACQUISITION	
Base MSRP	\$52,500
60 Month@6% est	\$1,015
Lease	--
Availability	2020-present
RANGE	
EV Range	260-296 mi
MPGe	94-106
PERFORMANCE	
0-60 mph	4.6-6.9 sec
Top Speed	112 mph
BATTERY	
Volts	400V
Watts	79 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	248/310- 402/494
Drive Type	RWD/AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	7-8 hrs
Charge Time DC	28 mins
Connector	CCS
CAPACITY	
Passengers	5
Cargo	16-57.5 cu ft
DIMENSIONS	
Curb Weight	4,411-4,612
Length	174.8 in
Width	75.2 in
Height	65 in





Battery
Electric

2020-2025 POLESTAR 2

The Polestar 2 sits between the Polestar 1 coupé and the Polestar 3 SUV, blurring the line between sedan and crossover by combining a beveled rear roof with an elevated seating position.

In 2025 the Volvo spin off Polestar has opted to simplify consumer choices and remove the optional upgrade packs available to the Polestar 2. It is now only offered with the long-range battery, AWD and the "Performance" pack as standard equipment. This upped the entry price by approximately 15K to now start at \$64,800.

With the Polestar Connect app, the car senses the driver and unlocks when the door handle is touched. The app also applies the driver's seat and mirror preferences and makes an automatic emergency call in the event of an accident or theft. The Polestar 2 boasts a vegan, "WeaveTech" interior made of moisture-resistant PVC material.

A frame less 11.5-inch center touchscreen powers the cabin's infotainment system, equipped with voice-activated Google apps and over-the-air software updates à la Tesla. With standard safety technology such as 360-degree vision and adaptive cruise control, the Polestar 2 offers an EV experience that is stylish and secure.

ACQUISITION	
Base MSRP	\$64,800
60 Month@6% est	\$1,253
Lease	--
Availability	2020-present
RANGE	
EV Range	254 mi
MPGe	91
PERFORMANCE	
0-60 mph	4 sec
Top Speed	204 mph
BATTERY	
Volts	--
Watts	82 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	476/546
Drive Type	AWD
CHARGING	
Power Rating	11 kW
Charge Time L1	--
Charge Time L2	8 hrs
Charge Time DC	30 mins
Connector	CCS
CAPACITY	
Passengers	5
Cargo	14.4-38.7 cu ft
DIMENSIONS	
Curb Weight	4,650 lbs
Length	181.3 in
Width	73.2 in
Height	58.1 in



Story: Staff, Photos: Polestar



Battery
Electric

2017-2025 TESLA Model 3

Tesla's Model 3 is the second best-selling EV in the United States, exceeded only by its sibling Model Y. Cumulative global sales exceed 1.9 million units, about half of Tesla's total output to date. Its attractive sleek lines, long range, outstanding efficiency, high tech infotainment, and competitive price make Tesla's third production vehicle the best value on the market. The Model 3 shares the classic Tesla Model S profile with a shorter nose and a slightly elevated rear roof line. Among its many creative features are its streamlined, flush mounted door handles which lever up from one side when pressed at the other. The Model 3 comes in four trims: Standard, Standard Plus, Performance, and Long Range AWD. The Standard and Standard Plus offer affordability while the Performance and Long Range provide increased power and high capacity battery.

The Model 3's interior employs a minimalist aesthetic, with a dashboard concealing a single continuous air vent. One large, landscape-oriented center touchscreen is mounted in the center of the dash. Its glass roof stretches from the front windshield to the backseat-headrests, providing the feeling of a huge interior. The Model 3 offers semi-autonomous driving. The car will speed up, slow down, and change lanes under the supervision of the driver. The Model 3 is rated as one of safest cars on the road, boasting a perfect five-star score from NHTSA.

ACQUISITION	
Base MSRP	\$42,490
60 Month@6% est	\$822
Lease	\$299
Availability	2017-present
RANGE	
EV Range	298-363 mi
MPGe	128-137
PERFORMANCE	
0-60 mph	2.9-4.9 sec
Top Speed	163 mph
BATTERY	
Volts	375V
Watts	50-75 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	295/309 - 510/547
Drive Type	RWD/AWD
CHARGING	
Power Rating	7.6-11.5 kW
Charge Time L1	13-23 hrs
Charge Time L2	4.5-8 hrs
Charge Time DC	15-30 min
Connector	NACS
CAPACITY	
Passengers	5
Cargo	24 cu ft
DIMENSIONS	
Curb Weight	3,891-4,030 lbs
Length	185.8 in
Width	82.2 in
Height	56.7 in



Story: Staff, Photos: Tesla



Plug-In Hybrid

2020-2025 VOLVO S60 Plug-in Hybrid

In the coming decade, Volvo wants the concepts “electricity” + “luxury” to be evoked when its name is uttered and is using the Polestar-engineered S60 Plug-in Hybrid luxury sedan to help establish this association. The S60 Plug-in Hybrid’s modern, sporty look marks a definitive split from the boxy Volvos of the past. With a sharp, low-riding body that sits on 20-inch wheels, The S60 Plug-in Hybrid is as easy on the eyes as the BMW 330e or the Mercedes C350e. Volvo’s signature “Thor’s Hammer” LED headlights and gold brake calipers and valve stem covers further accentuate the vehicle’s design. On the inside, you’ll find a roomy cabin with a soft-touch interior and a panoramic sunroof reinforce the S60 Plug-in Hybrid’s premium image. A nine-inch Sensus touchscreen embedded in the dash operates an infotainment system that is 50 percent faster than the previous year’s. Like other PHEV Volvos, the S60 Plug-in Hybrid employs a “twin engine” powertrain consisting of a twin-charged 2.0-liter, four-cylinder gas engine and an 87-hp electric motor. Despite a healthy 455 horsepower and 523 pound-feet of torque, the S60 Plug-in Hybrid does not take off from a standstill as quickly as pure electric EVs; it manages a 4.3-second 0-60 mph time. An 18.8-kWh battery delivers 41 miles of all-electric range. The S60 Plug-in Hybrid delivers both power and class, proving Volvo has what it takes to compete with veteran luxury automakers.

ACQUISITION	
Base MSRP	\$53,295
60 Month @ 6% est	\$1,031
Lease	\$599
Availability	2020-present
RANGE	
EV/ICE Range	41/530 mi
MPGe/MPG	74/31
PERFORMANCE	
0-60 mph	4.3 sec
Top Speed	112 mph
BATTERY	
Volts	348V
Watts	18.8 kWh
Cooling	--
DRIVETRAIN (HYBRID)	
HP/Lb-ft	455/523
Drive Type	AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	5 hrs
Charge Time DC	N/A
Connector	--
CAPACITY	
Passengers	5
Cargo	11.6 cu ft
DIMENSIONS	
Curb Weight	4,425-4,448 lbs
Length	188.8 in
Width	75.4 in
Height	56.6 in



Story: Staff, Photos: Volvo



Battery Electric

2023-2025 BMW i5

The BMW i5 eDrive40 and xDrive40 blend BMW’s renowned driving dynamics with a luxurious cabin. The i5 eDrive40 is rear-wheel-drive powered by a single electric motor producing 335 horsepower and 295 lb-ft of torque. This allows for a 0-60 mph sprint in a brisk 5.7 seconds. Its 84.3 kWh battery provides range of up to 310 miles, making the i5 capable but not matching longer legged competition. The xDrive40 is an all-wheel-drive version of the sedan with two electric motors producing a combined 389 horsepower and 435 lb-ft of torque, and a quicker 0-60 time of 5.2 seconds and range up to 278 miles. The i5 eDrive40 has a sophisticated and spacious cabin. The BMW Curved Display, integrating a 12.3-inch information display and a 14.9-inch control display, dominates the dashboard and runs the latest iDrive 8.5 operating system. Premium materials and comfortable seating provide a refined driving experience. 5G wireless capability and over-the-air updates complete the “connected car” checklist. The i5 supports 11 kW Level 2 AC charging and 205 kW DC fast charging. The latter adds 180 miles of range in 20 minutes. The i5 retains the sporty handling and engaging driving feel that BMW is known for. It offers a refined and quiet ride, with advanced driver-assistance systems for enhanced safety and reduced driver fatigue. The i5 eDrive40 and xDrive40 successfully merge electric drive with the luxury, performance, and technology expected from BMW, at a matching price point, making it a solid choice for executive class mobility.

ACQUISITION	
Base MSRP	\$67,100
60 Month @6% est	\$1,285
Lease	--
Availability	2023-present
RANGE	
EV Range	278-310 mi
MPGe	84-105
PERFORMANCE	
0-60 mph	5.2-5.7 sec
Top Speed	120 mph
BATTERY	
Volts	--
Watts	84.3 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	335/295 - 389/435
Drive Type	AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	10 hrs
Charge Time DC	25 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	17.3 cu ft
DIMENSIONS	
Curb Weight	4,916-5,247 lbs
Length	199.2 in
Width	74.8 in
Height	59.6 in



Story: Christopher Alan, Photos: BMW



2022-2025 GENESIS Electrified G80

For those who don't follow automotive industry closely, Genesis is Hyundai's well respected upscale brand. The Electrified G80 is the EV version of Genesis' internal combustion model of the same model name. This mid-size luxury sedan successfully blends elegant styling with a comfortable and feature-rich interior. Premium Nappa leather upholstery and elegant wood trim create a truly upscale ambiance. The cockpit's central feature is a beautiful 27-inch horizontal OLED display spanning nearly the entire width of the dashboard, integrating both the instrument cluster and infotainment system. Performance comes from dual electric motors which deliver a combined 365 horsepower and 516 lb-ft of torque, resulting in brisk acceleration, achieving 0-60 mph in just over 4 seconds. All-wheel drive is standard. The ride quality is exceptional, thanks to a well-tuned adaptive suspension that effectively absorbs road imperfections, providing a smooth and serene driving experience. The 94.5 kWh battery provides range of 282 miles. Charging is ultra-fast, with 800V DC charging replenishing the battery from 10% to 80% in about 22 minutes. The Electrified G80 offers Vehicle-to-Load (V2L) capability, which allows you to power 120v devices using the car's battery. The G80 comes well-equipped with technology and safety features, including advanced driver-assistance systems. While the 10.8 cu ft of trunk space is adequate, some rivals offer more cargo capacity. The Genesis G80 presents a strong value proposition, delivering a luxurious experience at a competitive price point, making it a serious contender in the mid-size luxury segment.

ACQUISITION	
Base MSRP	\$74,375
60 Month@6% est	\$1,438
Lease	--
Availability	2022- Present
RANGE	
EV Range	282
MPGe	97
PERFORMANCE	
0-60 mph	4.1 sec
Top Speed	150 mph
BATTERY	
Volts	800V
Watts	94.5 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	365/516
Drive Type	AWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	8 hrs
Charge Time DC	22 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	10.8 cu ft
DIMENSIONS	
Curb Weight	4,211 lbs
Length	197 in
Width	75.8 in
Height	57.9 in



2023-2025 HYUNDAI IONIQ 6

The Hyundai Ioniq 6 is essentially a slightly longer, more rounded version of the Ioniq 5, except those aerodynamic curves make it a more stylish, efficient sedan that competes more directly with the Tesla Model 3 or Y and the Polestar 2. The specifications are as impressive as its driving dynamics. On the top trim models, the Ioniq 6 can achieve a range up to 342 miles from the 77.4-kWh battery pack via an AWD drivetrain providing a combined 320 hp/446 kW, scooting the sleek sedan from 0-60 in just 4.3 seconds.

The entry level model SE Standard Range, at \$37,850, is actually slightly less expensive than the hot hatch Ioniq 5. Its 53.0-kWh battery will supply 240 miles of range from its 225 hp RWD powertrain.

The dashboard is instrumented with two 12.3-inch displays: the driver's digital gauge cluster and a center mounted infotainment screen which contains competent route planning software that allows you to easily select charge stops on longer routes.

Steering-wheel paddles allow the driver to select different modes of regenerative braking on the fly, allowing you to get maximum range on those long trips, or while commuting in town.

The car can make use of up to 250kW on ultra-fast 800V DC chargers, charging the battery from 10% to 80% as quickly as 18 minutes under ideal circumstances.

Hyundai provides one of the best warranties in the business: five years or 60,000 miles and a powertrain warranty, including battery, of 10 yrs or 100k miles.

ACQUISITION	
Base MSRP	\$37,850
60 Month@6% est	\$732
Lease	\$199
Availability	2023-Present
RANGE	
EV Range	240-342 mi
MPGe	103-135
PERFORMANCE	
0-60 mph	4.3-7 sec
Top Speed	115 mph
BATTERY	
Volts	480-697V
Watts	53-77.4 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	225/258 - 320/446
Drive Type	RWD/AWD
CHARGING	
Power Rating	10.9 kWh
Charge Time L1	--
Charge Time L2	5-7 hrs
Charge Time DC	18 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	11.2 cu ft
DIMENSIONS	
Curb Weight	3,935-4,616 lbs
Length	191.1 in
Width	74 in
Height	58.9 in





2024-2025

DODGE Charger Daytona

The Dodge Charger Daytona is a significant shift for the iconic muscle car, embracing an all-electric powertrain while retaining its performance-oriented spirit. Available in R/T and Scat Pack trims, both feature a 400V architecture with dual electric motors providing all-wheel drive. The R/T packs 496 horsepower, achieving 0-60 mph in 4.7 seconds. The more potent Scat Pack delivers 670 horsepower and 627 lb ft, accelerating to 60 mph in a blistering 3.3 seconds. Both models feature a PowerShot button for a temporary horsepower boost best reserved for the track. In restrained daily use, the 93.9-kWh battery provides the R/T with 308 miles of range, while the Scat Pack manages 241 miles on a full charge. The DC Fast Charge rate is less spirited at a max charge rate of 183 kW.

The exterior design is a modern take on classic Charger styling, featuring a muscular wide body stance and an R-Wing aerodynamic pass-through on the front fascia. The cockpit includes a 12.3-inch infotainment touchscreen with Uconnect 5, Stellantis's fifth-generation infotainment system

For enthusiasts who like their car to rumble, alerting the neighborhood (and possibly law enforcement) to their presence, Dodge helpfully provides the Fratzonic Chambered Exhaust, an electronic system which mimics the sound of a traditional combustion engine.

The Charger Daytona blends the raw power and visceral experience provided by a muscle car with the efficiency and advanced technology of an electric vehicle, heralding a new era for Dodge's performance legacy.

ACQUISITION

Base MSRP	\$59,595
60 Month@6% est	\$1,153
Lease	\$368
Availability	2025

RANGE

EV Range	241-308 mi
MPGe	--

PERFORMANCE

0-60 mph	3.3-4.7 sec
Top Speed	137 mph

BATTERY

Volts	400V
Watts	93.9 kWh
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	496/404- 670/627
Drive Type	AWD

CHARGING

Power Rating	--
Charge Time L1	--
Charge Time L2	6 hrs
Charge Time DC	30 min
Connector	--

CAPACITY

Passengers	5
Cargo	--

DIMENSIONS

Curb Weight	5,698 lbs
Length	206.6 in
Width	79.8 in
Height	58.9 in



Story: Christopher Alan, Photos: Dodge



2020-2025

FORD Mustang Mach-E

In 2020, Ford rolled out the Mach-E electric crossover and badged it as a member of the Mustang family to the cheers of supporters and howls of classic car traditionalists.

It's a credible addition to the Mustang legacy, though. Ford offers the Mach-E in RWD or AWD with a maximum 480 horsepower, up to 320 miles of range, and a 3.4 second 0-60 mph time. Drivers and passengers will enjoy a new low floor courtesy of Ford's new electric architecture, which houses a 70-kWh standard range or 91-kWh extended range battery pack providing either 240 or 320 miles of range.

All five trims have two-row seating with ample headroom and legroom and 29 cubic feet of storage in the trunk as well as an additional 4.8 cubic feet of cooler-friendly storage under the hood. The Mach-E comes standard with handle-less button- or smartphone-activated doors.

Like all new Fords, the Mach-E is equipped with Co-Pilot 360 safety features. The Mach-E's Sync 4 infotainment system is operated via a 15.5-inch center mounted touchscreen or steering wheel controls.

In a nod to its namesake, the Mach-E retains the Mustang's signature three-stripe headlights and taillights along with its iconic pony emblem. Apparently unable to let go of the past, Ford simulates the classic Mustang growl by piping one of 30 user-configurable synthetic engine sound profiles through the stereo speakers as the car accelerates.

ACQUISITION

Base MSRP	\$36,495
60 Month@6% est	\$706
Lease	\$366
Availability	2020-present

RANGE

EV Range	240-320
MPGe	86-106

PERFORMANCE

0-60 mph	3.4-5.6 sec
Top Speed	112-114 mph

BATTERY

Volts	--
Watts	70-91 kWh
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	266/387- 480/700
Drive Type	RWD/eAWD

CHARGING

Power Rating	--
Charge Time L1	--
Charge Time L2	--
Charge Time DC	--
Connector	CCS

CAPACITY

Passengers	5
Cargo	29.7-59.7 cu ft

DIMENSIONS

Curb Weight	4,318-4,838 lbs
Length	185.6-186.7 in
Width	82.6 in
Height	64 in



Story: Staff, Photos: Ford



2023-2025

CHEVROLET Equinox EV

Next to the Hyundai Kona EV the Chevrolet Equinox EV is one of the most affordable EVs on the market, and in many respects a much more capable car and to many eyes, has more attractive styling.

The Equinox is offered in LT and RS trim levels, with the primary differences being the sportier look and larger tires for the RS trim. All trim levels are available with FWD or eAWD from dual motors. For 2025 the range has increased to 285-319 electric miles.

The Equinox lacks a front trunk (frunk), the area under the bonnet being occupied by the front drive unit and electronics, but still manages to provide 57.2 cu ft in the rear cargo area.

One Pedal Driving turns the electric motor into a generator when releasing the accelerator, allowing the brake pads to last somewhere between 100k - 200k miles depending on your pedal skills. A 17.7-in display screen replaces dashboard button clutter and provides capable navigation, music and climate controls.

Level 2 home charging of up to 11.5 kW, double the speed of last decade's EV generation, can add up to 34 miles of range per hour of charging if your home or office breaker panel can supply sufficient amperage.

The all-electric Equinox is rated to tow up to 1,500 lbs.

ACQUISITION

Base MSRP	\$33,600
60 Month@6% est	\$811
Lease	--
Availability	2023-present

RANGE

EV Range	285-319
MPGe	96-109

PERFORMANCE

0-60 mph	5.8-7.7 sec
Top Speed	113 mph

BATTERY

Volts	--
Watts	85 kW
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	220/243-300/355
Drive Type	FWD/eAWD

CHARGING

Power Rating	11.5-19.2 kW
Charge Time L1	--
Charge Time L2	--
Charge Time DC	--
Connector	CCS

CAPACITY

Passengers	5
Cargo	26.4- 57.2 cu ft

DIMENSIONS

Curb Weight	--
Length	190.55 in
Width	76.94 in
Height	64.8 in



2021-2025

VOLKSWAGEN ID.4

In the US, the compact crossover ID.4 has proven to be popular with the crowd VW was aiming for: an EV alternative to the Toyota RAV4 and Honda CR-V, two of the best selling compact crossovers in the US. With nicely sculpted lines, distinctive front end lighting, and generous cargo capacity for its size, the ID.4 delivers what buyers in this segment are looking for. The ID.4 is one of the most affordable ways to get an EV with AWD.

The updated 2025 model will start at about 45K for the mid-range trim available now, while the entry level trim is estimated to cost around 42K and will be available later in the year.

A standout feature in the interior is what VW calls "ID. Light," an interactive light bar that reacts to inputs inside and outside the vehicle, sort of making the ID.4 feel "alive." It communicates functions like driver assistance features, infotainment inputs, and voice commands. Located where the windshield meets the dash, it's an innovative and original feature.

VW offers the ID.4 it in a variety of trims, with a range spanning 209 to 275 miles. Three years of free Electrify America DC Fast charging included with vehicle purchase make the ID.4 a competent, reasonably priced EV.

ACQUISITION

Base MSRP	\$45,095
60 Month@6% est	\$872
Lease	--
Availability	2021-present

RANGE

EV Range	209-275
MPGe	99-107

PERFORMANCE

0-60 mph	7.6 sec
Top Speed	99 mph

BATTERY

Volts	--
Watts	62-82 kW
Cooling	liquid

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	201-295/229-329
Drive Type	RWD, AWD

CHARGING

Power Rating	11 kW
Charge Time L1	50 hrs
Charge Time L2	7.5 hrs
Charge Time DC	38 min
Connector	CCS

CAPACITY

Passengers	5
Cargo	30.3-64.2 cu ft

DIMENSIONS

Curb Weight	4,884 lbs
Length	180.5 in
Width	72.9 in
Height	64.6 in





Battery
Electric

2022-2025
SUBARU
Solterra

Designed in partnership with Toyota and essentially a clone of the bZ4X, the Subaru Solterra is Subaru’s first EV. The Solterra, built on what they call the “e-Subaru Global Platform” is their vision for what an electric Subaru should be. Following the same design philosophy as the Toyota, the Solterra was designed to appeal to the “typical” Subaru buyer rather than forge an entirely new path like so many other new EVs.

The drive train provides standard Symmetrical AWD and electric X-Mode, which allow the StarDrive electric motors to provide seamless torque distribution for off roading or low grip situations. With 8.3 inches of ground clearance and a “Grip Control” feature, this Subaru doesn’t give up any of the off-roading legacy that the rest of the brand’s vehicles offer.

Subaru’s on-road active safety features include "EyeSight Driver Assist Technologies", which monitor traffic movement, optimize cruise control, and alert you when you’re straying outside your lane.

The Solterra features a 12.3-inch touchscreen with a 360° camera for parking (and off roading). The interior is remarkably similar to the bZ4X, with a digital dashboard and center multifunction display. New interior and exterior variations make the Solterra stand out from the rest of the Subaru lineup, but otherwise the car is rather conservative.

ACQUISITION	
Base MSRP	\$38,495
60 Month@6% est	\$745
Lease	--
Availability	2022-present
RANGE	
EV Range	222-227 mi
MPGe	102-104
PERFORMANCE	
0-60 mph	--
Top Speed	--
BATTERY	
Volts	--
Watts	72.8 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	215/249
Drive Type	AWD
CHARGING	
Power Rating	6.6 kW
Charge Time L1	--
Charge Time L2	9.5 hrs
Charge Time DC	35 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	23.8 cu ft
DIMENSIONS	
Curb Weight	4,365-4,505 lbs
Length	184.6 in
Width	73.2 in
Height	65 in



Story: Staff, Photos: Subaru



Battery
Electric

2022 -2025
TOYOTA
bZ4X

Toyota’s clunky bZ4X nomenclature stands for “beyond Zero” emissions and “crossover.” It may be an inelegant name, but the name and the new design are perhaps the most daring things about the car itself. Toyota is typically conservative when it comes to new technology implementation. While the whole vehicle could be considered “new technology,” the specs of the bZ4X are relatively pedestrian. What Toyota decided to prioritize in the bZ4X is what stands out.

There are two versions of powertrains available in the US - single motor, front-wheel drive (FWD) and dual motor, all-wheel drive (AWD). Each has a different battery pack: 71.4 kWh for the FWD or 72.8 kWh for the AWD. Interestingly, the two packs are provided by different suppliers: the 71.4 kWh battery by Panasonic, the 72.8 kWh by CATL. Counterintuitively, the 71.4 kWh FWD battery can charge at up to 150 kW, while the 72.8 kWh AWD charges at up to 100 kW. It’s a significant difference on long road trips which will require multiple fast charge stops. The onboard Level 2 charger only supplies 6.6 kW, a charging speed standard first met over 13 years ago. Range is average, at 222 to 252 miles.

The bZ4X introduction was marred by an early recall and production halt related to “the wheels coming off” a condition whose source was not publicly revealed, but from the somewhat lengthy delay in identifying a fix, it appeared to be something more serious than the torque value of the wheel lug nuts.

ACQUISITION	
Base MSRP	\$37,070
60 Month@6% est	\$717
Lease	--
Availability	2022-present
RANGE	
EV Range	222-252 mi
MPGe	102-119
PERFORMANCE	
0-60 mph	6.4 sec
Top Speed	--
BATTERY	
Volts	355V
Watts	71.4 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	201/196 - 214/248
Drive Type	FWD/AWD
CHARGING	
Power Rating	6.6 kW
Charge Time L1	54 hrs
Charge Time L2	9.5 hrs
Charge Time DC	35 min
Connector	CCS
CAPACITY	
Passengers	5
Cargo	27.7-56.9 cu ft
DIMENSIONS	
Curb Weight	4,266-4,398 lbs
Length	184.6 in
Width	73.2 in
Height	65 in



Story: Staff, Photos: Toyota



2022-2025
NISSAN
ARIYA

The Nissan Ariya is a crossover that provides a significant upgrade from the Nissan's original hatch EV, the LEAF. Nissan's new "e-4ORCE" AWD system and a 63 or 87kWh battery make the Aria capable of 216 or 289 miles of all-electric range. It is available with the choice of front or all wheel drive. With several drivetrain configurations available, 0-60 performance ranges from very mild 7.5 seconds to surprisingly peppy 4.8 seconds.

The Ariya is has gone upmarket in several ways, including the availability of the ProPilot 2.0, Nissan's new semi autonomous driving system. The elegant, minimalist interior has evolved, with most of the buttons now accessible through the touch screens.

Two 12.3-inch displays serve as the dash gauge cluster and the center console multifunction display. The infotainment system allows the driver to issue voice commands to a built-in Nissan assistant or Amazon Alexa. In-dash navigation is a standard feature, as are Apple CarPlay and Android Auto. Wireless smartphone charging and head-up display are available as extra cost upgrades.

The Ariya uses a 480v, 130kW CCS coupler for fast charging, signaling the likely retirement in the U.S. of the older, slower CHAdeMO standard used in the Leaf. Despite the welcome upgrade from the older 50kW standard, the Nissan's newest EV still trails rivals Hyundai/Kia and Tesla, which support 220 and 250kW fast charging at similar sticker prices.

ACQUISITION	
Base MSRP	\$39,770
60 Month@6% est	\$769
Lease	\$129
Availability	2022-present
RANGE	
EV Range	216-289 mi
MPGe	87-94
PERFORMANCE	
0-60 mph	4.8 - 7.5 sec
Top Speed	124 MPH
BATTERY	
Volts	--
Watts	63-87 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	214/221 - 389/442
Drive Type	FWD/AWD
CHARGING	
Power Rating	7.2 kW
Charge Time L1	--
Charge Time L2	10-14 hrs
Charge Time DC	35-40 mins
Connector	CCS
CAPACITY	
Passengers	5
Cargo	22.8 cu ft
DIMENSIONS	
Curb Weight	4,323-5,057 lbs
Length	182.9 in
Width	74.8 in
Height	65.4 in



Story: Christopher Alan, Photos: Nissan



2023-2025
CHEVROLET
Blazer EV

This mid size SUV is available in three trim levels: LT, RS and SS in front-wheel drive, rear-wheel drive, and all-wheel drive. Driving range stretches from 279 for the LT to 320 miles for the RS. The 615 hp SS delivers 303 miles, but only when driven gently. When not, the SS can rocket from 0-60 in under 3.4 seconds.

A full package of automated safety and driver assist features is available, including forward collision alert, automatic emergency braking, lane keeping assist and lane departure warning. One Pedal Driving allows the driver to slow the vehicle by releasing the accelerator, with the motor putting the car's kinetic energy back into the battery instead of turning it into brake dust.

An 11-inch diagonal screen centered behind the steering wheel provides standard driver information. In the center console, a 17.7 in diagonal multifunction display screen provides navigation, temperature control and stereo controls, moving almost all of the usual compliment of buttons to the touch screen. Retro style round air vents at the left, right and center provide temperature controlled fresh air.

The hands-free Power Liftgate eases loading groceries and supplies into the cargo area.

A Dual Level Charge Cord providing either 120v or 240v home charging is now standard issue. The myChevrolet Mobile App will help plan your routes, find and show availability of public charging stations and manage the vehicle remotely.

ACQUISITION	
Base MSRP	\$44,600
60 Month@6% est	\$863
Lease	--
Availability	2023- Present
RANGE	
EV Range	279-324 mi
MPGe	95
PERFORMANCE	
0-60 mph	3.4- 6.0
Top Speed	130
BATTERY	
Volts	--
Watts	85-102 kWh
Cooling	--
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	288/333-615/650 mi
Drive Type	AWD/FWD/RWD
CHARGING	
Power Rating	11.5 kW
Charge Time L1	--
Charge Time L2	--
Charge Time DC	--
Connector	CCS
CAPACITY	
Passengers	5
Cargo	25.50 cu ft
DIMENSIONS	
Curb Weight	5730 lbs
Length	192.23-192.65 in
Width	78.02 in
Height	64.78 in



Story: Christopher Alan, Photos: Chevrolet



Battery
Electric

2022-2025
KIA
EV6

Kia's EV6 represents a style forward take on what an EV can be, just like its stablemate, the Ioniq 5. Both share the same 800V Electric Global Modular Platform, or E-GMP, which allows them to share drivetrain and battery components, yet look and feel completely different. This synergy has long been something Kia and Hyundai have been good at and with the EV6, Kia takes it to another level. Side by side, they do not appear to be related. The EV6 evokes a stylish, flowing design language, appearing as if it's moving while stopped in place, accentuated with a wedge-like profile and distinctive LED head and taillights. The interior features a distinctive control panel that switches between infotainment and climate controls with the touch of a button, reducing button clutter but allowing for sufficient physical controls.

Like the Ioniq 5, the EV6 also offers the availability of AWD, and if optioned, they include heat pumps, helpful for fuel efficiency in cold weather environments. With a range of over 300 miles and impressive fast charging enabled by the E-GMP, the EV6 makes an impressive entry in Kia's EV lineup.

New for the 2025 model year, the Kia EV6 gets a design refresh with triangular-shaped headlights and reworked front bumper, and all trims except the GT will feature Tesla's NACS charging port. The batteries get an upgrade as well. The standard battery increases to 63 kWh and the high end battery increases to 84 kWh, upping the EV range to 231-319 miles.



ACQUISITION

Base MSRP	~\$44,000
60 Month@6% est	\$851
Lease	--
Availability	2022-present

RANGE

EV Range	231-319 mi
MPGe	83-117

PERFORMANCE

0-60 mph	3.4-8.3 sec
Top Speed	115-161 mph

BATTERY

Volts	523-697V
Watts	63-84 kWh
Cooling	liquid

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	167/258-641/568
Drive Type	RWD/AWD

CHARGING

Power Rating	10.9 kW
Charge Time L1	54-72 hrs
Charge Time L2	5:40-7:20 hrs
Charge Time DC	18-29 min
Connector	CCS

CAPACITY

Passengers	5
Cargo	24.4-48 cu ft

DIMENSIONS

Curb Weight	4,132-4,883 lbs
Length	184.8 in
Width	74-74.4 in
Height	60.8 in



Battery
Electric

2022-2025
HYUNDAI
IONIQ 5

The Hyundai Ioniq 5 is a popular and widely admired EV. With a “retro-futuristic” retro meets digital modern design, it gets a lot of positive attention on the road. Hyundai Motor Group companies designed an all new 800v architecture and modular platform, called the Electric Global Modular Platform, or E-GMP, that has allowed them to create the Ioniq 5, Kia EV6, and Genesis GV60. It also provides a competitive platform for future electric vehicles. The architecture allows for very fast DC charging speeds. Hyundai claims it is capable of 350 kW charging speeds, although 220 kW is typical real-world performance, close to the industry-leading 250kW real world performance this editor has routinely seen in a Tesla Model S. Under ideal conditions, rarely seen, filling from a 350kW charger enables the E-GMP cars to charge from ten to eighty percent in 18 minutes. Thirty minutes is more common, and quite reasonable even when on long trips requiring two DC fast charge stops. Assuming you're starting the day with 300 miles of range, that gives you a real-world reach of 650 miles, enough to exhaust most drivers, even with two rest breaks.

The Ioniq 5 interior has modern styling and practical features. The new platform allows for a completely flat floor, and a wheelbase even longer than the three-row Palisade. With an industry-first “Relaxation Comfort Seat” that fully reclines and includes a leg rest for drivers to relax while they are charging, Hyundai has created an electric vehicle capable of handling any commute and which can easily accommodate long distance cross country driving.





2024-2025

MINI Countryman SE ALL4

Over the years, the Mini SE Countryman has grown in size, offering a more spacious interior and a more substantial feel on the road, moving away from the traditional "Mini" agility. Rear passenger space is significantly improved, and the trunk offers a decent capacity of 16.2 cubic feet with the seats up, expanding to 51.2 cubic feet when folded.

The all-electric powertrain delivers 308 horsepower and 364 lb-ft of torque, enabling 0-60 mph acceleration in 5.4 seconds.

The only thing diminutive about this Mini is the battery, which at 64.6 kWh delivers only 212 miles of range, well below most crossovers at this \$45,200 base price.

The SE Countryman' 130kW DC fast charging is likewise Lilliputian, allowing a 10-80% charge in 29 minutes when traveling outside your overnight charge spot. When using a 240v Level 2 charge cord, the car's 11kW on-board charger can fill the battery in 6.5 hours, well before it's time to wake up and go back to the grind.

While it retains some of the iconic Mini styling cues, the larger dimensions give it an SUV profile. The handling is competent and comfortable, prioritizing stability over sharp cornering. Standard features include a retro-inspired 9.4-inch circular infotainment display with wireless Apple CarPlay and Android Auto. The new Countryman SE offers a blend of quirky charm, practicality, and electric power, though it comes at a premium price compared to some rivals and might not satisfy those seeking the classic Mini go-kart driving experience.

ACQUISITION

Base MSRP	\$45,200
60 Month@6% est	\$874
Lease	--
Availability	2024- Present

RANGE

EV Range	212 mi
MPGe	91-96

PERFORMANCE

0-60 mph	5.4 sec
Top Speed	112 mph

BATTERY

Volts	--
Watts	64.6 kWh
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	308/364
Drive Type	AWD

CHARGING

Power Rating	11 kw
Charge Time L1	--
Charge Time L2	6.5 hrs
Charge Time DC	36 min
Connector	--

CAPACITY

Passengers	5
Cargo	24.8-56.2 cu ft

DIMENSIONS

Curb Weight	4,588 lbs
Length	174.5 in
Width	72.6 in
Height	64.6 in



2024-2025

VOLVO EX30

The Volvo EX30 is a stylish all-electric crossover that embodies minimalist Scandinavian design. Its interior prioritizes simplicity and sustainability. The cabin feels surprisingly spacious, comfortably seating five, although rear legroom might be tight for taller adults. The cargo space provides 11.2 cubic feet, expanding to 31.9 cubic feet with the rear seats folded. A small front trunk provides an additional 0.2 cubic feet of storage. A 12.3-inch vertical touchscreen runs most vehicle functions on Volvo's Google-based infotainment system with Google Maps and wireless Apple CarPlay. A soundbar integrated into the dashboard replaces traditional door speakers, contributing to the clean, visually appealing aesthetic.

The EX30 offers both single-motor rear-wheel drive and dual-motor all-wheel drive configurations. The Twin Motor Performance variant harnesses 422 horsepower and sprints to 60 mph in a supercar rivaling 3.4 seconds. Passive damper suspension provides a comfortable ride and good roll control when navigating corners or avoiding moose. The 69 kWh battery provides 250-253 miles of range, varying slightly on the wheel size. The 153kW DC fast charging available on the dual motor edition is not class leading, but allows 10-80% charge in about 26 minutes, sufficient for occasional long distance travel. At it's base price of \$44,900, the EX30 is a competitive entry into the crossover SUV market. With its attractive design, impressive performance, and focus on sustainability, this electric SUV is going to be the exit from crazy town many Tesla Model Y drivers are looking for.

ACQUISITION

Base MSRP	\$44,900
60 Month@6% est	\$869
Lease	\$529
Availability	2024- Present

RANGE

EV Range	253 mi
MPGe	109-116

PERFORMANCE

0-60 mph	3.4 sec
Top Speed	112 mph

BATTERY

Volts	400V
Watts	69 kWh
Cooling	--

DRIVETRAIN (ELECTRIC)

HP/Lb-ft	422/400
Drive Type	AWD

CHARGING

Power Rating	--
Charge Time L1	--
Charge Time L2	8 hrs
Charge Time DC	26.5 min
Connector	--

CAPACITY

Passengers	5
Cargo	12.4-31.9 cu ft

DIMENSIONS

Curb Weight	4,151 lbs
Length	166.7 in
Width	72.3 in
Height	61 in





2019-2025

HYUNDAI KONA Electric

The Hyundai Kona Electric is a small crossover similar to its sibling Kia Niro but without the PHEV option. With 230-mile all-electric range, it doesn't need one.

The Kona got a significant refresh in 2023, with a new grille and headlights.

The Kona sports a trendy mini-SUV exterior in contrast to the Bolt's pod-like body. The Kona Electric's interior is clean and attractive. Its cabin seats five, although somewhat tightly in the back row. Depending on the trim, you'll get a 7-, 8-, or 10.3-inch easy-to-use touchscreen infotainment system. Apple CarPlay, Android Auto, and Bluetooth come standard, but if you want dedicated navigation, you'll have to upgrade to the Ultimate top trim. The Kona offers all the latest safety technology, including a rear camera, auto e-braking, lane-keeping assist, auto high-beams, adaptive cruise control, and a head-up display.

The Kona has regen paddles hidden behind the steering wheel which give the driver outstanding control over slowing down without touching the brake pedal, which will help the Kona's brake pads last a very long time if used properly, perhaps for the life of the car.

While the Kona Electric may not be the fanciest EV on the market, its inexpensive price, good range and solid standard features make it a good buy for prospective EV owners.

ACQUISITION	
Base MSRP	\$32,975
60 Month@6% est	\$638
Lease	\$189
Availability	2019-present
RANGE	
EV Range	200-230 mi
MPGe	103-118
PERFORMANCE	
0-60 mph	6.4-9.2 sec
Top Speed	109 mph
BATTERY	
Volts	269-358V
Watts	64 kWh
Cooling	
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	133/188-201/188
Drive Type	FWD
CHARGING	
Power Rating	--
Charge Time L1	--
Charge Time L2	9:15 hrs
Charge Time DC	47 mins
Connector	CCS
CAPACITY	
Passengers	5
Cargo	25.5 cu ft
DIMENSIONS	
Curb Weight	3,571-3,880 lbs
Length	171.5-172.6 in
Width	71.9 in
Height	62.0-62.2 in



Story: Christopher Alan, Staff, Photos: Hyundai



2019-2025

KIA Niro EV

The Kia Niro has been evolving since its 2016 inception. Initially, the Niro was a conventional ICE vehicle. In 2017, Kia introduced a plug-in hybrid version with 26 miles of all-electric range. In 2019, the Niro also became available as an all-electric.

The Niro EV sports the same compact SUV styling as its predecessors with a 64.8-kWh battery pack under its rear seats, which enables 253 miles of emissions-free driving per charge. While its cabin is roomy, its cargo space is nominally less generous than its competitors' at 22.8 cubic feet, but fold down the rear backrests and the storage expands to a more accommodating 63.7 cubic feet. The Niro EV is a peppy performer with 201 horsepower, 188 pound-feet of torque, and a 7.1-second 0-60 mph time. However, unlike other vehicles in its class, it is limited to FWD. The Niro EV comes in two trims: Wind and Wave. Both have automatic climate control, Apple CarPlay, Android Auto, and Bluetooth. For the extra five grand, The Wave offers LED headlights and taillights, leather upholstery, and an eight- rather than seven-inch infotainment touchscreen, among other perks. Safety features include adaptive cruise control, lane-keeping, and blind-spot monitoring.

The Kia Niro EV is a reassuringly normal-looking car, which will appeal to those not interested in the edgy design of some all-electrics. This, combined with the vehicle's comfort and affordability make this a safe, if uninspiring, choice.

ACQUISITION	
Base MSRP	\$39,600
60 Month@6% est	\$764
Lease	--
Availability	2019-present
RANGE	
EV Range	253 mi
MPGe	113
PERFORMANCE	
0-60 mph	7.1sec
Top Speed	106 mph
BATTERY	
Volts	358V
Watts	64.8 kWh
Cooling	liquid
DRIVETRAIN (ELECTRIC)	
HP/Lb-ft	201/188
Drive Type	FWD
CHARGING	
Power Rating	11 kW
Charge Time L1	60 hrs
Charge Time L2	-- hrs
Charge Time DC	43 min
Connector	CCS, J1772
CAPACITY	
Passengers	5
Cargo	22.8-63.7 cu ft
DIMENSIONS	
Curb Weight	3,721-3,803 lbs
Length	174 in
Width	71.9, 71.3 in
Height	61.8, 60.8 in



Story: Staff, Photos: Kia

EV Educational Resources

Supporting EV Adoption from Awareness to Advocacy

Electric Car INSIDER

EV Video Education Series



The series covers the basics of EV ownership and EV charging at home, work, and public locations.

Electric Car Guest Drive



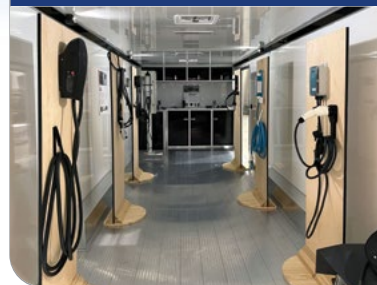
Test drive the latest electric cars and learn from EV owners at a no-pressure social event.

EV & EVSE Buyers Guides



Comprehensive, full page profiles of the best EVs and EV chargers. Print and online versions.

Mobile EV Charger Exhibit



Turn-key electric vehicle charger exhibit with eight residential demo units.

EV Navigator App



Online EV education app offering A-Z information to help people learn about EVs.

Residential Electric Exhibit



High-efficiency home electric appliances in a turn-key, Airstream travel trailer exhibit.

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