



The Electric Vehicle Association of Greater Washington DC

evadc.org

2021

Electric Vehicle Information Sheet



All Electric	Base Price (USD) ¹	Net Price (USD) ²	Range (mi) ³	Batt. (kWh)	Power (kW) ⁴	0-60 (sec)	QC (kW) ⁵	MPG equiv ³	Fuel / Mo. ⁶
Chevy Bolt	\$31,000	\$31,000	259	66	150	6.5	50	118	\$46
Harley LiveWire	\$21,999	\$19,799	95*	15.5	78	3.0	20^	95*	---
Hyundai Ioniq Elec.	\$33,245	\$25,745	170	38.3	100	9.5	75	133	\$42
Hyundai Ioniq 5 ^β	\$45,000^	\$37,500^	258-290^	77	168-239	5.2-7.4	220	---	---
Hyundai Kona Elec.	\$34,000	\$26,500	258	64	150	6.4	75^	120	\$46
Kia EV6 ^{β+}	\$45,000^	\$37,500^	239-300^	58-77	125-430	3.5-5.2	220	---	---
Kia Niro EV	\$39,090	\$31,590	239	64	150	7.8	77	112	\$50
MINI Electric	\$29,900	\$22,400	114	32.6	135	6.9	50	110	\$50
Nissan Ariya ^{β+}	\$40,000^	\$32,500^	225-300^	66-91	160-250	5.0^	130	---	---
Nissan LEAF ⁺	\$27,400	\$19,900	149s-226	40-62	110-160	6.4-7.4	50-100	104-111	\$50
VW ID.4	\$39,995	\$32,495	250	82	150	7.4	125	97	\$58
Zero SR/S ⁺	\$19,995	\$17,495	109*	14.4	82	3.3	N/A	---	---
Average U.S. Gasoline Car Price		\$40,000							
Audi e-tron	\$65,900	\$58,400	222	95	300	5.5	150	78	\$71
BMW i3	\$44,450	\$36,950	153	42.2	125	7.2	50	113	\$50
Ford F-150 Lightning ^{β+}	\$39,974	\$32,474	230-300*	115-150^	318-420	4.5^	150	---	---
Ford Mustang Mach-E ⁺	\$42,895	\$35,395	211-305	68-88	198-360	3.5-6.1	150	90-101	\$54-63
GMC Hummer EV ^{β+}	\$79,995	\$79,995	250-350*	150-200^	745*	3.0-3.5	350	---	---
Jaguar I-Pace	\$69,900	\$62,400	222	90	294	4.5	50	76	\$71
Polestar 2	\$45,900	\$38,400	249-265	78	300-500	4.5-7.0	150	89-92	\$58-63
Porsche Taycan ⁺	\$82,700	\$75,200	201-227	79-93	300-560	2.6-5.1	270	69-79	\$67-79
Rivian R1S ⁺	\$70,000	\$62,500	316	135	562^	3.0	200^	69	\$79
Rivian R1T ⁺	\$67,500	\$60,000	314	135	562^	3.0	200^	70	\$79
Tesla Cybertruck ^{β+^}	\$39,900	\$39,900	250-500	100-200	330-600	2.9-6.5	250	---	---
Tesla Model 3 ⁺	\$39,990	\$39,990	262-353	54-75	211-335	3.1-5.3	170-250	134-141	\$38-42
Tesla Model Y	\$53,990	\$53,990	303-326	75	211-335	3.5-4.8	250	---	---
Tesla Model S ⁺	\$89,990	\$89,990	396-405	100	500-760	2.0-3.1	250	110	\$50
Tesla Model X	\$99,990	\$99,990	340-360	100	500-760	2.5-3.8	250	105	\$50
Tesla Roadster ^β	\$200,000	\$200,000	620	200	---	1.9	350^	---	---
Volvo XC40 Recharge	\$53,990	\$46,490	208	78*	300	4.7	150	79	\$70



EVA/DC meets the 3rd Wednesday of every month. See evadc.org/meeting.

Home Charging

Charge using an **ordinary 120V outlet**.
Dedicated circuit recommended.



Typically costs **4 ¢ / mile**. (3 mi / kWh, 12 ¢ / kWh)

Install a home 240V charging station for faster
charging at home. \$400-\$1000 + installation

240V Home
Charging Station

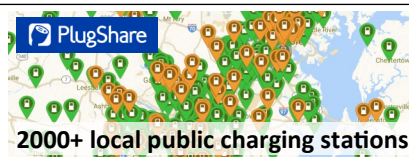


Public Charging

Cost varies, free - 49 ¢ / kWh



240V Public
Charging Station



2000+ local public charging stations



480V DC
Fast
Charger

Level 1: 120V AC (regular outlet)
Reclaim 5 miles per hour charging

Level 2: 240V AC (J1772 / dryer plug)
Reclaim 15-60 miles per hour charging

Fast Charge: 480V DC
Reclaim 50-200 miles in 30 minutes

EVA/DC is providing the following for informational purposes only. We do not endorse or recommend any specific vehicle manufacturer or distributor. Information subject to change.
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1. Base price before tax incentives, destination.
2. Net price after federal tax credit. State credits may still apply. Consult tax advisor.
3. EPA combined city/highway, except as noted
4. Total motor power. 1 kW = 1.34 hp

5. DC Quick / Fast Charge max rate
6. EPA, 15000 miles/year, 12¢ / kWh
- * Source: Vehicle Manufacturer
- ^ Estimate
- + Multiple battery options available
- β Future availability announced



Escape



Santa Fe



Ioniq



Tucson



Pacifica



Clarity



MINI



Mitsubishi Outlander



Subaru Crosstrek



Prius



RAV4



330e



530e



745e



Ferrari



Land Rover P400e



Cayenne E-Hybrid



Panamera 4 E-Hybrid



Volvo V60



Volvo S60



Volvo S90



Volvo XC60



Volvo XC90



Polestar 1



Mercedes GLC350e

Plug-in Hybrid Electric

	Base Price (USD) ¹	Net Price (USD) ²	Range (mi) ³	Batt. (kWh)	0-60 (sec)	MPG equiv ³	Fuel / Mo. ⁶
Chrysler Pacifica hyb.	\$44,920	\$37,420	32+gas	16	7.4	82	\$83
Ford Escape Plug-In	\$33,075	\$25,575	37+gas	14.4	9.0 [^]	102	\$67
Honda Clarity PHEV	\$33,400	\$25,900	48+gas	17	7.7	110	\$58
Hyundai Ioniq PHEV	\$26,700	\$22,157	29+gas	8.9	8.9	119	\$54
Hyundai Santa Fe PHEV	\$40,535	\$33,948	31+gas	13.8 [*]	—	70 [*]	—
Hyundai Tucson PHEV	\$35,000 [^]	\$28,500 [^]	33+gas	13.8 [*]	8.9	70 [*]	\$54
Kia Niro PHEV	\$29,590	\$25,047	26+gas	8.9	9.0	105	\$58
MINI Cooper S E Countr.	\$41,500	\$36,500	17+gas	10	6.7	73	\$108
Mitsubishi Outlander	\$36,695	\$30,108	24+gas	13.8	9.2	74	\$100
Subaru Crosstrek Hyb.	\$35,345	\$30,845	17+gas	8.8	8.3	90	\$79
Toyota Prius Prime	\$28,220	\$23,720	25+gas	8.8	10.5	133	\$50
Toyota RAV4 Prime	\$38,350	\$30,850	42+gas	18.1	5.7	94	\$71
Average U.S. Gasoline Car Price		\$40,000					
Audi A7 Plug-In	\$74,900	\$68,188	24+gas	14.1	5.7	68	\$113
Audi A8 Plug-In	\$95,900	\$89,188	18+gas	14.1	4.9	53	\$150
Audi Q5 Plug-In	\$51,900	\$45,188	19+gas	14.1	5.0	50	\$129
Bentley Bentayga	\$187,600	\$180,100	18+gas	17.3	5.2	46	\$183
BMW 330e	\$44,550	\$38,714	22+gas	12	5.6	—	—
BMW 530e	\$57,200	\$51,364	21+gas	12	5.9	69	\$113
BMW 745e xDrive	\$95,900	\$90,064	16+gas	12	4.9	56	\$150
BMW i3 Range Extender	\$48,300	\$40,800	123+gas	42.2	8.0	100	\$58
BMW X3 xDrive30e	\$49,600	\$43,764	17+gas	12	5.9	—	—
BMW X5 xDrive45e	\$65,400	\$57,900	30+gas	21.6	5.3	56	\$138
Ferrari SF90 Stradale	\$625,000	\$621,500	9+gas	7.9	2.5	51	\$217
Jeep Wrangler 4xe	\$51,025	\$43,525	21+gas	17	6.0	—	—
Karma GS-6 / Revero ^β	\$83,900	\$76,400	61+gas	28	4.5	70	\$96
Land Rover Sport P400e	\$83,000	\$76,705	19+gas	13	6.3	42	\$175
Lincoln Aviator	\$69,070	\$62,536	21+gas	13.6	—	—	—
Lincoln Corsair ^β	\$50,390	\$43,547	28+gas	14.4	—	78	\$88
Mercedes GLC350e	\$51,900	\$45,438	22+gas	13.5	5.6	56	\$138
Polestar 1	\$155,000	\$147,500	52+gas	34	4.2	58	\$117
Porsche Cayenne	\$83,300	\$75,800	16+gas	17.9	4.7	47	\$154
Porsche Panamera	\$103,800	\$97,130	15+gas	14.1	4.4	51	\$154
Volvo S60 Recharge	\$47,650	\$42,231	22+gas	11.6	4.3	69	\$104
Volvo S90 Recharge	\$60,050	\$54,631	21+gas	11.6	4.8	60	\$113
Volvo V60 Recharge	\$67,550	\$62,131	22+gas	11.6	4.3	69	\$104
Volvo XC60 Recharge	\$53,500	\$48,081	19+gas	11.6	4.9	57	\$125
Volvo XC90 Recharge	\$63,450	\$58,031	18+gas	11.6	5.9	55	\$125

PHEV — Plug-in Hybrid Electric Vehicle (Electric & Gas) - All these hybrids have a plug.



Niro



A7



A8



Q5



Bentley



i3



X3



X5



Jeep



Karma



Aviator



Corsair



Mercedes GLC350e

Incentives

Federal Tax Credits

Vehicle: up to \$7500

EVSE: up to \$1000

DC:

EV Supply Equipment (EVSE) Tax Credit - 50% of cost up to \$1000
Excise tax exemption. Reduced vehicle registration fee of \$36

Maryland:

EV Supply Equipment (EVSE) Tax Credit - 40% of cost, max \$700
High Occupancy Vehicle (HOV) Lane Exemption through Oct. 2022

Virginia:

Reduced personal property tax in Arlington and Loudon counties
Discounted electricity rates for off-peak residential EV charging