



The Electric Vehicle Association of Greater Washington DC

evadc.org



2018 Electric Vehicle Information Sheet



Zero S



Smart



LEAF



Bolt



Soul EV



Ioniq



Tesla Model 3

500e



Electric

	Base Price (USD) ¹	Net Price (USD) ²	Range (mi) ³	Batt. (kWh)	Speed (mph)	MPG equiv ³	Fuel / Mo. ⁴	QC ⁵
Electric								
BMW i3	\$44,450	\$36,950	114	33	93	118	\$46	Y
Chevy Bolt	\$36,620	\$29,120	238	60	90	119	\$42	Y
Fiat 500e	\$32,995	\$25,495	84	24	85	112	\$46	
Ford Focus Electric	\$29,120	\$21,620	115	33.5	84	107	\$46	
Honda Clarity Elect.	\$33,400	(lease only)	89	25.5	110	114	\$46	Y
Hyundai Ioniq Elect.	\$29,500	\$22,000	124	28	102	136	\$38	Y
Kia Soul EV	\$33,950	\$26,450	111	30	90	108	\$46	Y
Nissan LEAF S	\$29,990	\$22,490	151	40	90	112	\$46	Y
Smart electric	\$23,900	\$16,400	58	17.6	81	108	\$46	
Tesla Model 3 Std. Long Range	\$35,000 \$44,000	\$27,500 \$36,500	220 310	50^ 80.5	130 140	— 130	— \$42	Y Y
Tesla Model S 75D 100D	\$74,500 \$94,000	\$67,000 \$86,500	259 335	75 100	140 155	103 102	\$54 \$54	Y Y
Tesla Model X 75D 100D	\$79,500 \$96,000	\$72,000 \$88,500	238 295	75 100	130 155	93 87	\$58 \$58	Y Y
Victory Empulse TT	\$19,999	\$19,999	94*	10.4	100*	—	\$19*	
VW e-Golf	\$30,495	\$22,995	125	35.8	93	119	\$42	Y
Zero S ZF6.5	\$10,995	\$10,995	61*	6.5^	91	475*	—	Y



Empulse



Honda Clarity EV



Focus Electric



VW e-Golf



BMW i3



Tesla Model S



Tesla Model X

Home Charging

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

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



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

evgo.com



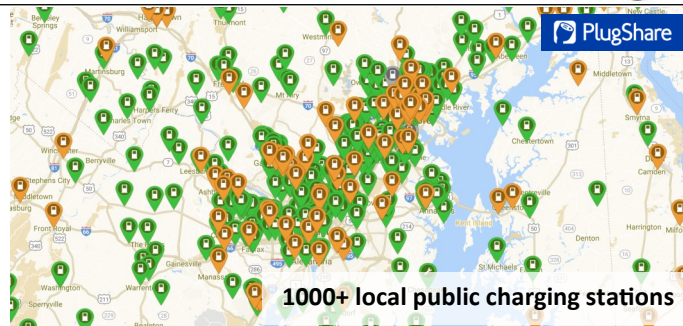
semaconnect.com

blinkcharging.com



240V Public
Charging Station

chargepoint.com



Why Drive Electric?

- Performance** - Instant torque makes driving fun again
- Silent and Smooth** - Electric motor is whisper quiet, no vibration
- Practicality** - Range exceeds most daily needs of 40 miles
- Reliability** - Simple drivetrain has few moving parts to repair
- Better Fuel Economy** - Go 100 miles on \$4 of electricity
- Clean Energy** - Electricity can be made from renewable sources
- National Security** - Domestic electricity instead of foreign oil



480V DC
Fast
Charger

How long does it take to charge?

- 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
Full charge in 25-60 minutes
Actual times depends on vehicle

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.

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. EPA, 15000 miles/year, 12¢ / kWh
 5. DC Quick / Fast Charge optional
- * Source: Vehicle Manufacturer
^ Estimate



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Audi A3 e-tron



BMW 330e



BMW 530e



BMW 740e



Volt



C-MAX



Fusion



Ioniq



Sonata



MINI Cooper



Mitsubishi Outlander



Panamera 4 E-Hybrid

Electric & Gas	Base Price (USD) ¹	Net Price (USD) ²	Range (mi) ³	Batt. (kWh)	Speed (mph)	MPG equiv ³	Fuel / Mo. ⁴
Audi A3 e-tron	\$39,500	\$34,998	16+gas	8.8	130	83	\$88
BMW 330e	\$45,600	\$41,599	22+gas	7.6	140	71	\$108
BMW 530e	\$52,650	\$47,982	16+gas	9.4	—	—	\$113
BMW 740e xDrive	\$90,700	\$86,032	14+gas	9.2	155	64	\$121
BMW i3 Range Extender	\$48,300	\$40,800	97+gas	33.2	93	109	\$58
BMW i8	\$147,500	\$142,500	14+gas	11.6	155	76	\$113
BMW X5 xDrive40e	\$63,750	\$59,082	13+gas	9.2	130	56	\$138
Cadillac CT6 Plug-In	\$75,095	\$67,595	30+gas	18.4	150	62	\$113
Chevy Volt	\$33,220	\$25,720	53+gas	18.4	100	106	\$54
Chrysler Pacifica hyb.	\$39,995	\$32,495	33+gas	16	—	84	\$75
Ford C-Max Energi	\$27,120	\$23,113	20+gas	7.6	102	95	\$67
Ford Fusion Energi	\$31,400	\$27,393	21+gas	7.6	104	97	\$67
Honda Clarity PHEV	\$33,400	\$25,900	47+gas	17	—	110	\$54
Hyundai Ioniq PHEV	\$24,950	\$20,407	29+gas	8.9	—	119	\$50
Hyundai Sonata PHEV	\$34,600	\$29,681	27+gas	9.8	125	99	\$67
Karma Revero	\$130,000	\$122,500	37+gas	21.4	125	60	\$125
Kia Niro PHEV	\$27,900	\$23,357	26+gas	8.9	—	105	\$58
Kia Optima Plug-In	\$35,210	\$30,291	29+gas	9.8	125	103	\$63
Mercedes C350e	\$47,900	\$44,399	8+gas	6.2	155	51	\$121
Mercedes GLE550e	\$66,700	\$62,240	8+gas	8.8	130	43	\$163
Mercedes S550e	\$96,600	\$92,140	12+gas	8.7	130	58	\$125
MINI Cooper S E Countr.	\$36,800	\$32,799	12+gas	7.6	78	65	\$121
Mitsubishi Outlander	\$34,595	\$28,759	22+gas	12	—	74	\$100
Porsche Cayenne	\$79,900	\$74,564	14+gas	10.8	151	47	\$150
Porsche Panamera	\$99,600	\$92,930	24+gas	14.1	172	46	\$142
Toyota Prius Prime	\$27,100	\$22,600	25+gas	8.8	84	133	\$50
Volvo S90 T8	\$63,650	\$58,648	21+gas	10.4	—	71	\$108
Volvo XC60 T8	\$52,900	\$47,898	18+gas	10.4	—	59	\$121
Volvo XC90 T8	\$64,950	\$59,948	19+gas	9.2	140	62	\$113



BMW i3



BMW i8



BMW X5



Cadillac CT6



Pacifica minivan



Honda Clarity PHEV



Karma



Kia Niro



Kia Optima



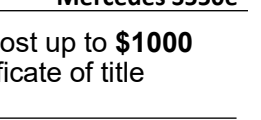
Prius Prime



Mercedes C350e



Mercedes GLE550e



Mercedes S550e

Incentives

Federal Tax Credits

Vehicle: up to \$7500

DC:

EV Supply Equipment (EVSE) Tax Credit - 50% of cost up to \$1000
Exemption from excise tax imposed on original certificate of title
Reduced vehicle registration fee of \$36

Maryland:

Excise Tax Credit, \$100/kWh Battery, max \$3000 on EVs priced ≤\$60K
EV Supply Equipment (EVSE) Tax Credit - 40% of cost, max \$700
High Occupancy Vehicle (HOV) Lane Exemption through Sep. 2018

Virginia:

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

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- * Source: Vehicle Manufacturer