

Electric Vehicle Charge Time Comparison



VEHICLE MAKE AND MODEL LISTING UTILIZING LEVITON CHARGERS

Type of Vehicle	Type	Battery Capacity (kWh)	LEVITON ELECTRIC VEHICLE CHARGER OPTIONS (Charge Time in Hours)		
			EV320 and EV32W @7.6 kW	EV480, EV48W, EV48S and EV48G @11.5 kW	EV800, EV80W, EV80S and EV80G @19.2 kW
Audi A3 Sportback e (2016-2019)	PHEV	9	3	3	3
Audi A8L	PHEV	14	2	2	2
Audi e-tron (all e-trons)	BEV	95	14.5	14.5	14.5
Audi Q5 PHEV (2016-2019)	PHEV	14.1	4.5	4.5	4.5
Audi Q5, A6, A7 PHEV (2016-2019)	PHEV	17.4	2.5	2.5	2.5
Bentley Bentayga Hybrid	PHEV	17.3	3	3	3
BMW 330e (2016-2018)	PHEV	7.6	2.5	2.5	2.5
BMW 740e xDrive (2017)	PHEV	9	3	3	3
BMW i3 120 Ah (2019-2022)	BEV	42	6.5	6.5	6.5
BMW i3 60 Ah (2014-2016)	BEV	22	3.5	3.5	3.5
BMW i3 94 Ah (2017-2018)	BEV	33	5	5	5
BMW i4	BEV	84	12.5	8.5	8.5
BMW i8 11.6 kW (2018-2020)	PHEV	11.6	3.5	3.5	3.5
BMW i8 7.1 kW (2014-2017)	PHEV	7.1	2	2	2
BMW iX xDrive40	BEV	71	10.5	7	7
BMW iX xDrive50 & M60	BEV	105	15.5	10.5	10.5
BMW iX3	BEV	111	16	11	11
BMW X3 xDrive30e	PHEV	12	3.5	3.5	3.5
BMW xDrive 330e, 530e, 745e	PHEV	12	3.5	3.5	3.5
BMW xDrive40e	PHEV	9	3	3	3
Cadillac CT6 Plug-in (2017-2018)	PHEV	18.5	6	6	6
Cadillac ELR (2014-2016)	PHEV	17	6	6	6
Cadillac LYRIQ (2023)	BEV	100	14.5	10	6
Chevrolet Bolt (2017-2019)	BEV	60	9.5	9.5	9.5
Chevrolet Bolt (2020-2022)	BEV	65	10	10	10
Chevrolet Bolt EUV	BEV	65	9.5	6.5	6.5
Chevrolet Bolt w/11 kW onboard (2022)	BEV	65	9.5	6.5	6.5
Chevrolet Silverado EV (2022-2023)	BEV	200	29	22	22
Chevrolet Silverado EV (2024)	BEV	400	58.5	44.5	44.5
Chevrolet Spark EV	BEV	23	8	8	8
Chevrolet Volt	PHEV	18	5.5	5.5	5.5
Chrysler Pacifica Plug-in Hybrid	PHEV	16	3	3	3
Ford C-Max Energi (2013-2017)	PHEV	7.5	2.5	2.5	2.5
Ford Escape Plug-in (2020-2022)	PHEV	14.5	5	5	5
Ford E-Transit	BEV	68	10	7	7

NOTE: Estimated charge time was calculated using data provided by the individual auto manufacturer's websites regarding on-board charger and battery capacity. Data is subject to change.

ELECTRIC VEHICLE CHARGE TIME COMPARISON



Type of Vehicle	Type	Battery Capacity (kWh)	LEVITON ELECTRIC VEHICLE CHARGER OPTIONS (Charge Time in Hours)		
			EV320 and EV32W @7.6 kW	EV480, EV48W, EV48S and EV48G @11.5 kW	EV800, EV80W, EV80S and EV80G @19.2 kW
Ford F-150 Lightning 98kW (2.4)	BEV	98	45.5	45.5	45.5
Ford F-150 Lightning 131kW (2.4)	BEV	131	61	61	61
Ford F-150 Lightning 98kW (9.6)	BEV	98	14.5	11.5	11.5
Ford F-150 Lightning 131kW (9.6)	BEV	131	19.5	15.5	15.5
Ford F-150 Lightning 98kW (11.3)	BEV	98	14.5	10	10
Ford F-150 Lightning 131kW (11.3)	BEV	131	19.5	13	13
Ford F-150 Lightning 98kW (19.2)	BEV	98	14.5	9.5	6
Ford F-150 Lightning 131kW (19.2)	BEV	131	19.5	13	8
Ford Focus EV (2012-2016)	BEV	23	4	4	4
Ford Focus EV (2017-2022)	BEV	34	6	6	6
Ford Fusion Energi (2013-2017)	PHEV	7.5	2.5	2.5	2.5
Ford Fusion Energi (2019-2020)	PHEV	9	3	3	3
Ford Mustang Mach-e 70 kW	BEV	70	10	7	7
Ford Mustang Mach-e 91 kW	BEV	91	13.5	9.5	9.5
Genesis GV60 (2023)	BEV	77.5	11.5	8	8
GMC Hummer EV	BEV	213	31	20.5	20.5
Harley Davison Livewire	BEV	16	9.5	9.5	9.5
Honda Accord Plug-in (2014)	PHEV	17	5	5	5
Honda Clarity Plug-in (2018-2021)	PHEV	17	3	3	3
Hyundai IONIQ 5 58 kW	BEV	58	8.5	6	6
Hyundai IONIQ 5 77 kW	BEV	77	11.5	8	8
Hyundai Ioniq EV sedan (2017-2019)	BEV	28	5	5	5
Hyundai Ioniq EV sedan (2020-2022)	BEV	38	6	6	6
Hyundai Ioniq Plug-in Hybrid	PHEV	8.9	3	3	3
Hyundai Kona EV	BEV	64	10	10	10
Hyundai Santa Fe Plug-in	PHEV	14	2	2	2
Hyundai Sonata Plug-in	PHEV	10	3.5	3.5	3.5
Hyundai Tucson Plug-in	PHEV	14	2	2	2
Jaguar I-Pace (2019)	BEV	90	14.5	14.5	14.5
Jaguar I-Pace (2020-2023)	BEV	90	13	9	9
Jeep Grand Cherokee PHEV	PHEV	17.5	2.5	2.5	2.5
Jeep Wrangler PHEV	PHEV	17.5	2.5	2.5	2.5
Kia EV6 58 kW	BEV	58	8.5	6	6
Kia EV6 77.4 kW	BEV	77.5	11.5	8	8
Kia Niro EV	BEV	64	10	10	10
Kia Niro Plug-in	PHEV	9	3	3	3
Kia Sorento Plug-in	PHEV	14	5	5	5
Kia Soul EV 27 kW (2015-2017)	BEV	27	4.5	4.5	4.5
Kia Soul EV 30 kW (2018-2022)	BEV	30	4.5	4.5	4.5
Land Rover Range Rover PHEV (2022-2022)	PHEV	12.5	2	2	2
Land Rover Range Rover PHEV HSE (2019)	PHEV	12.5	2	2	2
Land Rover Range Rover SE PHEV (2023)	PHEV	38	6	6	6
Lexus NX Plug-in	PHEV	18	3	3	3
Lincoln Aviator Grand Touring	PHEV	13.5	2.5	2.5	2.5

NOTE: Estimated charge time was calculated using data provided by the individual auto manufacturer's websites regarding on-board charger and battery capacity. Data is subject to change.

Type of Vehicle	Type	Battery Capacity (kWh)	LEVITON ELECTRIC VEHICLE CHARGER OPTIONS (Charge Time in Hours)		
			EV320 and EV32W @7.6 kW	EV480, EV48W, EV48S and EV48G @11.5 kW	EV800, EV80W, EV80S and EV80G @19.2 kW
Lincoln Corsair Plug-in (2021-2022)	PHEV	14.5	2.5	2.5	2.5
Lucid Air 112kW	BEV	112	16.5	11	6.5
Lucid Air 118kW	BEV	118	17.5	11.5	7
Mazda MX-30	BEV	35.5	6	6	6
Mercedes-Benz B-Class (2014-2017)	BEV	31	4.5	3	3
Mercedes-Benz C350e	PHEV	6.5	2	2	2
Mercedes-Benz Class B250e	BEV	28	4	3	3
Mercedes-Benz EQS	BEV	110	16	11	11
Mercedes-Benz GLC350e 4matic (2017-2019)	PHEV	9	3	3	3
Mercedes-Benz GLC350e 4matic (2020-2022)	PHEV	13.5	2	2	2
Mercedes-Benz GLE550e 4matic	PHEV	9	3	3	3
Mercedes-Benz S550e (2015-2017)	PHEV	9	3	3	3
Mini Cooper SE	BEV	29	4.5	4.5	4.5
Mini Cooper SE Countryman ALL4	PHEV	10	3	3	3
Mitsubishi i-MIEVE	BEV	16	5.5	5.5	5.5
Mitsubishi Outlander Plug-in	PHEV	14	4	4	4
Nissan Ariya 63 kW	BEV	66	10	10	10
Nissan Ariya 87 kW	BEV	87	13.5	13.5	13.5
Nissan Leaf plus (2019-2022)	BEV	62	10.5	10.5	10.5
Nissan Leaf SL & SV (2016-2017)	BEV	30	5	5	5
Nissan Leaf w/3.3 kW charging (2017-2022)	BEV	40	8	8	8
Nissan Leaf w/3.3 kW charging (2010-2017)	BEV	24	13.5	13.5	13.5
Nissan Leaf w/6.6 kW charging (2017-2022)	BEV	40	4	4	4
Nissan Leaf w/6.6 kW charging (2010-2017)	BEV	24	7	7	7
Polestar 2	BEV	75	11	7.5	7.5
Porsche 918 Spyder	BEV	6.8	2	2	2
Porsche Cayenne S E-Hybrid 11 kW (2015-2018)	PHEV	11	2	2	2
Porsche Cayenne S E-Hybrid 18 kW (2019-2022)	PHEV	18	3	3	3
Porsche Panamera S E-Hybrid 14 kW (2018-2019)	PHEV	14	2	2	2
Porsche Panamera S E-Hybrid 18 kW (2020-2022)	PHEV	18	3	3	3
Porsche Panamera S E-Hybrid 9.5 kW (2014-2016)	PHEV	9.5	1.5	1.5	1.5
Porsche Taycan 79 kW	BEV	79	11.5	7.5	4.5
Porsche Taycan 93 kW	BEV	93	13.5	9	5.5
Rivian R1T, R1S, & EDV 700	BEV	135	20	13.5	13.5
Smart EQ fortwo	BEV	18	3	3	3
Subaru Crosstrek Hybrid	PHEV	9	3	3	3
Subaru Soltera	BEV	75	12.5	12.5	12.5

NOTES: Estimated charge time was calculated using data provided by the individual auto manufacturer's websites regarding on-board charger and battery capacity. Data is subject to change.

* Tesla vehicles require an adapter to use any non-Tesla charging station. That adapter is provided by or can be purchased from Tesla.

Type of Vehicle	Type	Battery Capacity (kWh)	LEVITON ELECTRIC VEHICLE CHARGER OPTIONS (Charge Time in Hours)		
			EV320 and EV32W @7.6 kW	EV480, EV48W, EV48S and EV48G @11.5 kW	EV800, EV80W, EV80S and EV80G @19.2 kW
Tesla Model 3 50 kW*	BEV	50	7.5	5	5
Tesla Model 3 82 kW*	BEV	82	12	8.5	8.5
Tesla Model S 100 Dual*	BEV	100	14.5	10	10
Tesla Model S 100 Single*	BEV	100	14.5	11.5	11.5
Tesla Model S 60 Dual*	BEV	100	14.5	10	7
Tesla Model S 60 Single*	BEV	60	9	7	7
Tesla Model S 70 Dual*	BEV	60	9	7	7
Tesla Model S 70 Single*	BEV	70	10	7	4
Tesla Model S 85 Dual*	BEV	58	8.5	6	6
Tesla Model S 85 Single*	BEV	85	12.5	8	5
Tesla Model S 90 Dual*	BEV	85	12.5	10	10
Tesla Model S 90 Single*	BEV	90	13	9	5
Tesla Model X 100 Dual*	BEV	100	14.5	10	7
Tesla Model X 100 Single*	BEV	100	14.5	10	10
Tesla Model X 60 Dual*	BEV	90	13	10.5	10.5
Tesla Model X 60 Single*	BEV	100	14.5	10	7
Tesla Model X 75 Dual*	BEV	100	14.5	10	10
Tesla Model X 75 Single*	BEV	100	14.5	10	7
Tesla Model X 90 Dual*	BEV	100	14.5	10	10
Tesla Model X 90 Single*	BEV	100	14.5	10	7
Tesla Model Y Long Range*	BEV	82	12	8.5	8.5
Tesla Model Y Standard Plus*	BEV	75	11	7.5	7.5
Tesla Roadster 2020*	BEV	200	29	19.5	12
Tesla Roadster Original*	BEV	56	8	5.5	4
Tesla Semi*	BEV	600	88	58	40
Toyota Prius Plug-in Hybrid (2012-2015)	PHEV	4.4	1.5	1.5	1.5
Toyota bZ4X	BEV	71	11	11	11
Toyota Prius Prime	PHEV	8.8	3	3	3
Toyota RAV4 (2012-2014)	BEV	42	6	5	5
Toyota RAV4 Prime (SE & XSE)	PHEV	18.1	6	6	6
Toyota RAV4 Prime (XSE-Premium)	PHEV	18.1	3	3	3
Volkswagen e-Golf 3.6 kW	BEV	24	7.5	7.5	7.5
Volkswagen e-Golf 7.2 kW	BEV	24	4	4	4
Volkswagen ID 4	BEV	77	11.5	8	8
Volkswagen ID BUZZ	BEV	82	12	8.5	8.5
Volvo Recharge Pure Electric C40 & XC40	BEV	78	11.5	8	8
Volvo S60 & S90 10.5 kW	PHEV	10.5	3	3	3
Volvo S60, S90, & V60 11.5 kW (2020-2022)	PHEV	11.5	3.5	3.5	3.5
Volvo S60, S90, & V60 19 kW (2022)	PHEV	19	6	6	6
Volvo XC60, XC90 11.5 kW (2018-2020)	PHEV	11.5	3.5	3.5	3.5
Volvo XC60, XC90 19 kW (2022)	PHEV	19	6	6	6

NOTES: Estimated charge time was calculated using data provided by the individual auto manufacturer's websites regarding on-board charger and battery capacity. Data is subject to change.

* Tesla vehicles require an adapter to use any non-Tesla charging station. That adapter is provided by or can be purchased from Tesla.

Visit our Website at:
leviton.com/evcharging
 email: evrgreen@leviton.com

Q-1159F

101923

Leviton Manufacturing Co., Inc.
 201 N Service Rd, Melville, NY 11747
 Telephone: 1-800-323-8920 • FAX: 1-800-832-9538
 Tech Line: 1-800-824-3005 (M-F 8AM-10PM; Sat 9AM-7PM; Sun 9AM-5PM)

© 2023 Leviton Manufacturing Co., Inc. All rights reserved.

