

# 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)			
			EV40P @ 9.6 kW	EV320, EV32W @ 7.6 kW	EV480, EV48W, EV48S, EV48G @ 11.5 kW	EV800, EV80W, EV80S, EV80G @ 19.2 kW
Audi A8L	PHEV	14	2.5	2.5	2.5	2.5
Audi e-tron (all e-trons)	BEV	95	14.5	14.5	14.5	14.5
Audi A3 Sportback e (2016-2019)	PHEV	9	3	3	3	3
Audi Q5 PHEV (2016-2019)	PHEV	14.1	4.5	4.5	4.5	4.5
Audi Q5, A6, A7 PHEV (2016-2019)	PHEV	17.4	3	3	3	3
BMW i3 60 Ah (2014-2016)	BEV	22	3.5	3.5	3.5	3.5
BMW i3 94 Ah (2017-2018)	BEV	33	5.5	5.5	5.5	5.5
BMW i3 120 Ah (2019-2022)	BEV	42	6.5	6.5	6.5	6.5
BMW iX xDrive40	BEV	71	8.5	10.5	7.5	7.5
BMW iX xDrive50 & M60	BEV	105	12.5	15.5	11	11
BMW iX3	BEV	111	13	16.5	11.5	11.5
BMW i4	BEV	84	10	12.5	8.5	8.5
BMW i8 7.1kW (2014-2017)	PHEV	7.1	2.5	2.5	2.5	2.5
BMW i8 11.6kW (2018-2020)	PHEV	11.6	3.5	3.5	3.5	3.5
BMW 330e (2016-2018)	PHEV	7.6	2.5	2.5	2.5	2.5
BMW X3 xDrive30e	PHEV	12	4	4	4	4
BMW xDrive40e	PHEV	9	3	3	3	3
BMW xDrive 330e, 530e, 745e	PHEV	12	4	4	4	4
BMW 740e xDrive (2017)	PHEV	9	3	3	3	3
Bentley Bentayga Hybrid	PHEV	17.3	3	3	3	3
Cadillac LYRIQ (2023)	BEV	100	12	15	10	6
Cadillac ELR (2014-2016)	PHEV	17	6	6	6	6
Cadillac CT6 Plug-in (2017-2018)	PHEV	18.5	6.5	6.5	6.5	6.5
Chevrolet Bolt (2017-2019)	BEV	60	9.5	9.5	9.5	9.5
Chevrolet Bolt (2020-2022)	BEV	65	10	10	10	10
Chevrolet Bolt w/11kW onboard (2022)	BEV	65	7.5	9.5	7	7
Chevrolet Bolt EUV	BEV	65	7.5	9.5	7	7
Chevrolet Spark EV	BEV	23	8	8	8	8
Chevrolet Volt	PHEV	18	6	6	6	6
Chevrolet Silverado EV (2022-2023)	BEV	200	23.5	29.5	22.5	22.5
Chevrolet Silverado EV (2024)	BEV	400	46.5	58.5	44.5	44.5
GMC Hummer EV	BEV	213	25	31.5	21	21
Chrysler Pacifica Plug-in Hybrid	PHEV	16	3	3	3	3
Fiat 500E (2013-2019)	BEV	24	4	4	4	4
Fiat 500E (2020-2022)	BEV	42	7.5	7.5	7.5	7.5

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.

# ELECTRIC VEHICLE CHARGE TIME COMPARISON



Type of Vehicle	Type	Battery Capacity (kWh)	LEVITON ELECTRIC VEHICLE CHARGER OPTIONS (Charge Time in Hours)			
			EV40P @ 9.6 kW	EV320, EV32W @ 7.6 kW	EV480, EV48W, EV48S, EV48G @ 11.5 kW	EV800, EV80W, EV80S, EV80G @ 19.2 kW
Ford F-150 Lightning 120kW	BEV	120	14	17.5	12.5	12.5
Ford F-150 Lightning 155kW	BEV	155	18	23	16	16
Ford Focus EV (2012-2016)	BEV	23	4	4	4	4
Ford Focus EV (2017-2022)	BEV	34	6	6	6	6
Ford C-Max Energi (2013-2017)	PHEV	7.5	2.5	2.5	2.5	2.5
Ford Fusion Energi (2013-2017)	PHEV	7.5	2.5	2.5	2.5	2.5
Ford Fusion Energi (2019-2020)	PHEV	9	3	3	3	3
Ford Escape Plug-in (2020-2022)	PHEV	14.5	5	5	5	5
Ford Mustang Mach-e 70kW	BEV	70	8.5	10.5	7.5	7.5
Ford Mustang Mach-e 91kW	BEV	91	10.5	13.5	10	10
Ford E-Transit	BEV	68	8	10	7	7
Honda Clarity Plug-in (2018-2021)	PHEV	17	3	3	3	3
Honda Accord Plug-in (2014)	PHEV	17	5.5	5.5	5.5	5.5
Harley Davison Livewire	BEV	16	9.5	9.5	9.5	9.5
Hyundai IONIQ 5 58kW	BEV	58	7	8.5	6	6
Hyundai IONIQ 5 77kW	BEV	77	9	11.5	8	8
Hyundai Ioniq EV sedan (2017-2019)	BEV	28	5	5	5	5
Hyundai Ioniq EV sedan (2020-2022)	BEV	38	6	6	6	6
Hyundai Ioniq Plug-in Hybrid	PHEV	8.9	3	3	3	3
Hyundai Kona EV	BEV	64	10	10	10	10
Hyundai Sonata Plug-in	PHEV	10	3.5	3.5	3.5	3.5
Hyundai Tucson Plug-in	PHEV	14	2.5	2.5	2.5	2.5
Hyundai Santa Fe Plug-in	PHEV	14	2.5	2.5	2.5	2.5
Genesis GV60 (2023)	BEV	77.5	9	11.5	8	8
Jaguar I-Pace (2019)	BEV	90	14.5	14.5	14.5	14.5
Jaguar I-Pace (2020-2023)	BEV	90	10.5	13.5	9.5	9.5
Jeep Wrangler PHEV	PHEV	17.5	2.5	3	2.5	2.5
Jeep Grand Cherokee PHEV	BEV	17.5	2.5	3	2.5	2.5
Kia Niro EV	BEV	64	10	10	10	10
Kia Niro Plug-in	PHEV	9	3	3	3	3
Kia Soul EV 27kW (2015-2017)	BEV	27	4.5	4.5	4.5	4.5
Kia Soul EV 30kW (2018-2022)	BEV	30	5	5	5	5
Kia EV6 58kW	BEV	58	7	8.5	6	6
Kia EV6 77.4kW	BEV	77.5	9	11.5	8	8
Kia Sorento Plug-in	PHEV	14	5	5	5	5
Land Rover Range Rover PHEV HSE (2019)	PHEV	12.5	2	2	2	2
Land Rover Range Rover PHEV (2022-2022)	PHEV	12.5	2	2	2	2
Land Rover Range Rover SE PHEV (2023)	PHEV	38	6	6	6	6
Lexus NX Plug-in	PHEV	18	3	3	3	3
Lincoln Aviator Grand Touring	PHEV	13.5	2.5	2.5	2.5	2.5
Lincoln Corsair Plug-in (2021-2022)	PHEV	14.5	2.5	2.5	2.5	2.5
Lucid Air 112kW	BEV	112	13	16.5	11	6.5
Lucid Air 118kW	BEV	118	14	17.5	11.5	7
Mazda MX-30	BEV	35.5	6	6	6	6
Mercedes-Benz Class B250e	BEV	28	3.5	4.5	3.5	3.5
Mercedes-Benz EQS	BEV	110	13	16.1	11.1	11.1
Mercedes-Benz EQB	BEV	70.5	8.5	10.5	7.5	7.5
Mercedes-Benz B-Class (2014-2017)	BEV	31	4	4.5	3.5	3.5
Mercedes-Benz S550e (2015-2017)	PHEV	9	3	3	3	3
Mercedes-Benz GLE550e 4matic	PHEV	9	3	3	3	3
Mercedes-Benz GLC350e 4matic (2017-2019)	PHEV	9	3	3	3	3
Mercedes-Benz GLC350e 4matic (2020-2022)	PHEV	13.5	2	2	2	2
Mercedes-Benz C350e	PHEV	6.5	2	2	2	2

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)			
			EV40P @ 9.6 kW	EV320, EV32W @ 7.6 kW	EV480, EV48W, EV48S, EV48G @ 11.5 kW	EV800, EV80W, EV80S, EV80G @ 19.2 kW
Mini Cooper SE Countryman ALL4	PHEV	10	3	3	3	3
Mini Cooper SE	BEV	29	4.5	4.5	4.5	4.5
Mitsubishi i-MIEVE	BEV	16	5.5	5.5	5.5	5.5
Mitsubishi Outlander Plug-in	PHEV	14	4.5	4.5	4.5	4.5
Nissan Leaf w/3.3kW charging (2010-2017)	BEV	24	8.5	8.5	8.5	8.5
Nissan Leaf w/3.3 kW charging (2017-2022)	BEV	40	13.5	13.5	13.5	13.5
Nissan Leaf w/6.6 kW charging (2010-2017)	BEV	24	4	4	4	4
Nissan Leaf w/6.6 kW charging (2017-2022)	BEV	40	7	7	7	7
Nissan Leaf plus (2019-2022)	BEV	62	10.5	10.5	10.5	10.5
Nissan Leaf SL & SV (2016-2017)	BEV	30	5.5	5.5	5.5	5.5
Nissan Ariya 63kW	BEV	66	10.5	10.5	10.5	10.5
Nissan Ariya 87kW	BEV	87	13.5	13.5	13.5	13.5
Polestar 2	BEV	75	9	11	8	8
Porsche Cayenne S E-Hybrid 11kW (2015-2018)	PHEV	11	2	2	2	2
Porsche Cayenne S E-Hybrid 18kW (2019-2022)	PHEV	18	3	3	3	3
Porsche Panamera S E-Hybrid 9.5kW (2014-2016)	PHEV	9.5	1.5	1.5	1.5	1.5
Porsche Panamera S E-Hybrid 14kW (2018-2019)	PHEV	14	2.5	2.5	2.5	2.5
Porsche Panamera S E-Hybrid 18kW (2020-2022)	PHEV	18	3	3	3	3
Porsche Taycan 79kW	BEV	79	9.5	11.5	8	5
Porsche Taycan 93kW	BEV	93	11	14	9	5.5
Porsche 918 Spyder	BEV	6.8	2.5	2.5	2.5	2.5
Rivian R1T, R1S, & EDV 700	BEV	135	16	20	14	14
Smart EQ fortwo	BEV	18	3	3	3	3
Subaru Crosstrek Hybrid	PHEV	9	3	3	3	3
Subaru Soltera	BEV	75	13	13	13	13
Tesla Model 3 50kW	BEV	50	6	7.5	5.5	5.5
Tesla Model 3 82kW	BEV	82	9.5	12	8.5	8.5
Tesla Model S 60 Dual	BEV	100	12	15	10	6.5
Tesla Model S 60 Single	BEV	60	7	9	7	7
Tesla Model S 70 Dual	BEV	60	7	9	7	7
Tesla Model S 70 Single	BEV	70	8.5	10.5	7	4.5
Tesla Model S 85 Dual	BEV	58	7	8.5	6	6
Tesla Model S 85 Single	BEV	85	10	12.5	8.5	5
Tesla Model S 90 Dual	BEV	85	10	12.5	10	10
Tesla Model S 90 Single	BEV	90	10.5	13.5	9	5.5
Tesla Model S 100 Single	BEV	100	12	15	12	12
Tesla Model S 100 Dual	BEV	100	12	15	10	10
Tesla Model X 60 Dual	BEV	90	10.5	13.5	10.5	10.5
Tesla Model X 60 Single	BEV	100	12	15	10	6.5
Tesla Model X 75 Dual	BEV	100	12	15	10	10
Tesla Model X 75 Single	BEV	100	12	15	10	6.5
Tesla Model X 90 Dual	BEV	100	12	15	10	10
Tesla Model X 90 Single	BEV	100	12	15	10	6.5
Tesla Model X 100 Single	BEV	100	12	15	10	10
Tesla Model X 100 Dual	BEV	100	12	15	10	6.5
Tesla Model Y Long range	BEV	82	9.5	12	8.5	8.5
Tesla Model Y Standard Plus	BEV	75	9	11	8	8
Tesla Roadster Original	BEV	56	6.5	8.5	5.5	4
Tesla Roadster 2020	BEV	200	23.5	29.5	19.5	12
Tesla Semi	BEV	600	69.5	88	58	40.5

**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)			
			EV40P @ 9.6 kW	EV320, EV32W @ 7.6 kW	EV480, EV48W, EV48S, EV48G @ 11.5 kW	EV800, EV80W, EV80S, EV80G @ 19.2 kW
Toyota bZ4X	BEV	71	11	11	11	11
Toyota RAV4 ( 2012-2014)	BEV	42	5	6.5	5	5
Toyota RAV4 Prime (SE & XSE)	PHEV	18.1	6.5	6.5	6.5	6.5
Toyota RAV4 Prime (XSE-Premium)	PHEV	18.1	3	3	3	3
Toyota Prius Plug-in Hybrid (2012-2015)	PHEV	4.4	1.5	1.5	1.5	1.5
Toyota Prius Prime	PHEV	8.8	3	3	3	3
Volkswagen ID 4	BEV	77	9	11.5	8	8
Volkswagen e-Golf 3.6 kW	BEV	24	7.5	7.5	7.5	7.5
Volkswagen e-Golf 7.2 kW	BEV	24	4	4	4	4
Volkswagen ID BUZZ	BEV	82	9.5	12	8.5	8.5
Volvo Recharge Pure Electric C40 & XC40	BEV	78	9	11.5	8	8
Volvo S60 & S90 10.5kW	PHEV	10.5	3.5	3.5	3.5	3.5
Volvo S60, S90, & V60 11.5kW (2020-2022)	PHEV	11.5	3.5	3.5	3.5	3.5
Volvo S60, S90, & V60 19kW (2022)	PHEV	19	6	6	6	6
Volvo XC60, XC90 11.5kW (2018-2020)	PHEV	11.5	3.5	3.5	3.5	3.5
Volvo XC60, XC90 19kW (2022)	PHEV	19	6	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.

Visit our Website at:  
[leviton.com/evcharging](https://leviton.com/evcharging)  
 email: [evrgreen@leviton.com](mailto:evrgreen@leviton.com)

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)