

Charge Time Guide

The Charge Time Guide provides you with an estimated time to fully charge your Battery Electric Vehicle or Plug-in Hybrid Vehicle. Charging times vary by the type of charging station, the vehicles on-board charger, and environmental conditions. These charge times are approximate.

All Electric Vehicles (BEV)

| | Level 1 Cordset 120V | TurboCord 16A 240V | TurboDX 32A 240V | Webasto Go 32A 240V |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) |
| BMW ActiveE | 22.5 | 8.5 | 5 | 5 |
| BMW i3 2014-2016 | 16.5 | 6 | 3 | 3 |
| BMW i3 2017 (60 Ah battery) | 16.5 | 6 | 3 | 3 |
| BMW i3 2017 (90 Ah battery) | 23 | 9 | 4.5 | 4.5 |
| Chevrolet Bolt | 42 | 16 | 8.5 | 8.5 |
| Chevrolet Spark | 16.5 | 7 | 7 | 7 |
| Fiat 500E | 17 | 6.5 | 4 | 4 |
| Ford Focus EV | 16 | 6 | 3.5 | 3.5 |
| Ford Focus EV 2017 - 2018 | 24 | 9 | 5 | 5 |
| Honda Clarity EV | 17.5 | 7 | 4 | 4 |
| Hyundai Ioniq | 20 | 7.5 | 4 | 4 |
| Kia Soul | 19.5 | 7 | 4 | 4 |
| Jaguar I-Pace | 62.5 | 23.5 | 13 | 13 |
| Mercedes B Class B250e | 20 | 7.5 | 3.5 | 3.5 |
| Mitsubishi i-MiEV | 11.5 | 5 | 5 | 5 |
| Nissan Leaf 2011-16 (3.3kW onboard charger) | 17 | 7.5 | 7.5 | 7.5 |
| Nissan Leaf S 2013-15 (6.6kW onboard charger) | 17 | 6.5 | 3.5 | 3.5 |
| Nissan Leaf S upgrade 2016 (6.6kW onboard charger) | 17 | 6.5 | 3.5 | 3.5 |
| Nissan Leaf SL,SV 2016 (6.6kW onboard charger) | 21.5 | 8 | 4.5 | 4.5 |
| Nissan Leaf S 2017 (3.3kW onboard charger) | 21.5 | 9 | 9 | 9 |
| Nissan Leaf S upgrade, SL, SV 2017 (6.6kW onboard charger) | 21.5 | 8 | 4.5 | 4.5 |
| Nissan Leaf 2018 (6.6kW onboard charger) | 35 | 16.5 | 8 | 8 |
| Smart Car | 12 | 4.5 | 2.5 | 2.5 |
| Smart Fortwo ED 2017 | 12.5 | 4.5 | 2.5 | 2.5 |
| Tesla Model 3 Standard | 35 | 13 | 7 | 7 |
| Tesla Model 3 Long Range | 50 | 18.5 | 9 | 9 |
| Tesla Model S 60 Single | 43 | 16 | 8 | 8 |
| Tesla Model S 70 Single | 50 | 18.5 | 9 | 9 |
| Tesla Model S 75 & 75D | 53.5 | 19.5 | 9.5 | 9.5 |
| Tesla Model S 85 Single | 60.5 | 22.5 | 11 | 11 |
| Tesla Model S 90 Single | 64.5 | 23.5 | 11.5 | 11.5 |
| Tesla Model S 60 Dual | 43 | 16 | 8 | 8 |
| Tesla Model S 70 Dual | 50 | 18.5 | 9 | 9 |
| Tesla Model S 85 Dual | 60.5 | 22.5 | 11 | 11 |
| Tesla Model S 90 Dual | 64.5 | 23.5 | 11.5 | 11.5 |
| Tesla Model S 100D & P100D | 71.5 | 26.5 | 13 | 13 |

All Electric Vehicles (BEV) continued

| | Level 1 Cordset 120V | TurboCord 16A 240V | TurboDX 32A 240V | Webasto Go 32A 240V |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) |
| Tesla Model X 60 Single | 43 | 16 | 8 | 8 |
| Tesla Model X 75 Single | 53.5 | 19.5 | 9.5 | 9.5 |
| Tesla Model X 90 Single | 64.5 | 23.5 | 11.5 | 11.5 |
| Tesla Model X 60 Dual | 43 | 16 | 8 | 8 |
| Tesla Model X 75 Dual | 53.5 | 19.5 | 9.5 | 9.5 |
| Tesla Model X 90 Dual | 64.5 | 23.5 | 11.5 | 11.5 |
| Tesla Model X 100D & P100D | 71.5 | 26.5 | 13 | 13 |
| Tesla Roadster | 40 | 14.5 | 7.5 | 7.5 |
| Tesla Model Y Standard Range | 38 | 14.5 | 7 | 7 |
| Tesla Model Y Long Range RWD | 58 | 21.5 | 11 | 11 |
| Tesla Model Y Long Range AWD | 58 | 21.5 | 11 | 11 |
| Tesla Model Y Performance | 58 | 21.5 | 11 | 11 |
| Toyota Rav4 | 29.5 | 11 | 5.5 | 5.5 |
| VW e-Golf 2017 (7.2kW onboard charger) | 25 | 9.5 | 5 | 5 |

Plug-In Hybrid Vehicles (PHEV)

| | Level 1 Cordset 120V | TurboCord 16A 240V | TurboDX 32A 240V | Webasto Go 32A 240V |
|-----------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) |
| Audi A3 E-Tron | 6.5 | 3 | 3 | 3 |
| BMW 330e | 5 | 2 | 2 | 2 |
| BMW 530e | 6.5 | 3 | 3 | 3 |
| BMW 740e | 6.5 | 3 | 3 | 3 |
| BMW i8 | 5 | 2.5 | 2.5 | 2.5 |
| BMW xDrive-40e XS | 6.5 | 3 | 3 | 3 |
| Cadillac CT6 | 12.5 | 5.5 | 5.5 | 5.5 |
| Cadillac ELR | 12 | 4.5 | 4.5 | 4.5 |
| Chevrolet Volt | 13 | 5 | 5 | 5 |
| Chrysler Pacifica | 11.5 | 2.5 | 2.5 | 2.5 |
| Ford C Max Energi | 5.5 | 2.5 | 2.5 | 2.5 |
| Ford Fusion Energi | 5 | 2.5 | 2.5 | 2.5 |
| Honda Accord | 5 | 2 | 3.5 | 3.5 |
| Honda Clarity Plug-In | 12 | 2.5 | 2.5 | 2.5 |
| Hyundai Ioniq Plug-in | 6.5 | 2.5 | 2.5 | 2.5 |
| Hyundai Sonata | 7 | 3 | 3 | 3 |
| Karma Revero | 14.5 | 3.5 | 3.5 | 3.5 |
| Kia Niro | 6.5 | 3 | 3 | 3 |
| Kia Optima | 7 | 3 | 3 | 3 |

Plug-In Hybrid Vehicles (PHEV) continued

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|-------------------------------------|---------------------------------|-------------------------------|-----------------------------|--------------------------------|
| | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) | Approx. Charge Time (Hours) |
| Mercedes C350 Hybrid | 4.5 | 2 | 2 | 2 |
| Mercedes GLC 350e | 6 | 2.5 | 2.5 | 2.5 |
| Mercedes GLE 550e | 6.5 | 3 | 3 | 3 |
| Mercedes S550e Hybrid | 6 | 2.5 | 2.5 | 2.5 |
| Mercedes S560e Hybrid | 9 | 4 | 4 | 4 |
| MINI Cooper SE Countryman ALL4 | 6 | 2.5 | 2.5 | 2.5 |
| Mitsubishi Outlander | 9 | 4 | 4 | 4 |
| Porsche Cayenne S E-Hybrid | 8 | 3 | 3 | 3 |
| Porsche Cayenne s E-Hybrid Upgrade | 7.5 | 2.5 | 1.5 | 1.5 |
| Porsche Panamera S E-Hybrid | 6.5 | 2.5 | 2.5 | 2.5 |
| Porsche Panamera s E-Hybrid Upgrade | 6.5 | 2 | 1.25 | 1.25 |
| Porsche Panamera 4 E-Hybrid | 10 | 4 | 4 | 4 |
| Porsche Panamera 4 E-Hybrid Upgrade | 10 | 3 | 2 | 2 |
| Porsche 918 Spyder | 5 | 2 | 2 | 2 |
| Toyota Prius EV | 3 | 1.5 | 1.5 | 1.5 |
| Toyota Prius Prime EV | 6.5 | 3 | 3 | 3 |
| VIA Motors Truck | 16.5 | 5 | 2.5 | 2.5 |
| VIA Motors Van | 16.5 | 5 | 2.5 | 2.5 |
| Volvo V60 | 8 | 3.5 | 3.5 | 3.5 |
| Volvo S90 T5 | 7.5 | 3 | 3 | 3 |
| Volvo XC60 T8 | 7 | 3 | 3 | 3 |
| Volvo XC90 T8 | 7 | 3 | 3 | 3 |