

Electric Vehicle Charging Time for various Level 2 - 208/240V Stations

Reference Only



Not a complete list & not all EV's available in Canada, plz confirm with Car Manufacturer for availability & latest information on battery/charger size and range.

Nedco					Station (Non-Networked)					
					16 Amp	20 Amp Mini	30 Amp	32 Amp	40 Amp	
Charging Output					3.8kw	4.8kw	7.2kw	7.7kw	9.6kw	
Non GFI breaker					20A 2 pole	30A 2 pole	40A 2 pole	40A 2 pole	50A 2 pole	
Car Type/Model / EPA Size Class	Type	Battery Pack	On-Board Charger	Est. Batt. Range (km)	Best option / Est. Charging Time (hours) for full charge					
						indicates ideal option(s)				
2 Seaters & Mini Compacts										
Fiat 500E	BEV	24 kWh	6.6kw	140	6.3	5	3.6	3.6	3.6	
SMART for two	BEV	17.6 kWh	3.3kw	109	5.3	5.3	5.3	5.3	5.3	
Wheego LiFe (U.S)	NEV	30 kWh	N/A	160	9	6	5	5	5	
Sub Compacts										
BMW i3 (2015)	BEV	18.8 kWh	6.6kw	160	4.9	3.9	2.9	2.9	2.9	
BMW i3 REX (2015)	PHEV	18.8 kWh	6.6kw	150	4.9	3.9	2.9	2.9	2.9	
Chevrolet Bolt (Concept Est. 2016/2017)	BEV	55-60kWh	6.6kw (?)	321	14.5	11.5	7.6	7.1	5.7	
Chevy Spark (2015)	BEV	19 kWh	3.3kw	131	6	6	6	6	6	
Scion IQ EV (2012 - 2013)	BEV	12 kWh	3kw	80	3.6	3.6	3.6	3.6	3.6	
Mercedes B Class Electric	BEV	28 kWh	10kw	140	7.4	5.8	3.9	3.6	2.9	
Mitsubishi i MIEV	BEV	16 kWh	3.3kw	100	4.8	4.8	4.8	4.8	4.8	
Mini Station Wagon & Compacts										
Audi A3 Etron (2015)	PHEV	9 kWh	3.3kw	48	2.7	2.7	2.7	2.7	2.7	
Chevy Volt (pre 2015)	PHEV	16.5 kWh	3.3 kw	61	5	5	5	5	5	
Chevy Volt (2015)	PHEV	16.5-17.1 kWh	3.3kw	61	5	5	5	5	5	
Chevy Volt (2016)	PHEV	18.4 kWh	3.6kw	85	5.1	5.1	5.1	5.1	5.1	
Ford C-Max Energie	PHEV	7.6 kWh	3.3kw	32	2.5	2.5	2.5	2.5	2.5	
Ford Focus Electric	BEV	23 kWh	6.6kw	122	6	4.8	3.5	3.5	3.5	
Honda Fit EV	BEV	20 kWh	6.7kw	132	5.25	4.2	3	3	3	
Kia Soul EV (2015 - 2016)	BEV	27 kWh	6.6kw	149	7	5.6	4	4	4	
Nissan Leaf pre 2013 models	BEV	24.2 kWh	3.3kw	120	7.3	7.3	7.3	7.3	7.3	
Nissan Leaf 2014-2015 (2016 S)	BEV	24.2 kWh	6.6kw	135	6.4	5	3.7	3.7	3.7	
Nissan Leaf 2016 (SV & SL Trims)	BEV	30 kWh	6.6kw	172	7.9	6.2	4.5	4.5	4.5	
Volkswagen eGolf (2015)	PHEV	24 kWh	7.2kw	133	6.3	5	3.4	3.4	3.4	
Mid Size										
BMW i8	PHEV	7.1 kWh	3.7kw	37	2	2	2	2	2	
Cadillac ELR	PHEV	17 kWh	3.3kw	59	5	5	5	5	5	
Ford Fusion Energie	PHEV	7.6 kWh	3.3kw	32	2.5	2.5	2.5	2.5	2.5	
Fisker Karma	PHEV	20 kWh	3.3kw	51	6	6	6	6	6	
Honda Accord	PHEV	6.7 kWh	6.6kw	21	1.7	1.4	1	1	1	
Hyundai Sonata Plug-in	PHEV	9.8 kWh	3.3kw	43	3	3	3	3	3	
Porsche Cayenne S EHybrid (2015)	PHEV	10.8 kWh	3.6kw/7.2kw	22	3.3	3/2.3	3/1.5	3/1.5	3/1.5	
Mercedes SLS AMG Electric Coupe	BEV	60 kWh	22kw	193	TRICKLE OR LEVEL 3 DC QUICK CHARGER					
Mitsubishi Outlander 4WD (2015)	PHEV	12 kWh	3.3kw	40	3.5	3.5	3.5	3.5	3.5	
Toyota Prius plug in	PHEV	4.4 kWh	3.3kw	17	1.3	1.3	1.3	1.3	1.3	
Volkswagen Passat GTE (2015)	PHEV	9.9kWh	3.6kw	50	2.8	2.8	2.8	2.8	2.8	
Full Size										
Mercedes C350 Plug-In Hybrid	PHEV	6.4 kWh	3.3kw	31	1.9	1.9	1.9	1.9	1.9	
Mercedes-Benz S550 (2016)	PHEV	8.7 kWh	3.3kw	32	2.5	2.5	2.5	2.5	2.5	
Porsche Panarama SE Hybrid	PHEV	10.8 kWh	3.6kw/7.2kw	22	3.3	3/2.3	3/1.5	3/1.5	3/1.5	
Tesla Model S	BEV	60 kWh	10/20 kw	334	15.8	12.5	8.3	7.8	6.25	
Tesla Model S	BEV	85 kWh	10/20 kw	426	22.3	17.7	11.9	11	8.85	
SUV's / Vans / Trucks										
Tesla Model X (2016)	BEV	85 kWh	10 kw	370	22.3	17.7	11.9	11	8.85	
Toyota Rav4E (Discontinued)	BEV	41.8 kWh	10kw	165	11	8.7	5.8	5.4	4.4	
Via Motors V-TRUX	PHEV	23 kWh	6.6kw	64	6.1	4.8	3.5	3.5	3.5	
Commercial Vans & Trucks										
Boulder Electric 1000S (USA) 2.9 T capacity	BEV	105 - 120 kWh	N/A	128-161	ONLY QUICK CHARGER (Range is est. with full payload)					
Bremach T-Rex (USA) 3.87 T capacity	PHEV or BEV	100.0 kWh	200kw	161	ONLY QUICK CHARGER (Range is est. with full payload)					
EVI MD (USA) 1 T capacity	BEV	99 kWh	15kw	145	26.1	20.6	13.8	12.9	10.3	

We have Charging Stations in stock, please contact your local Nedco branch <https://west.nedco.ca/branchlocator.action?page=locator>

*Range & Specs (various sources, majority from dealer pages, fueleconomy.gov & plugincars.com)

Or contact: hazel.rempel@nedco.ca