

BATTERY ELECTRIC VEHICLES

Type of Vehicle	Battery Capacity (kWh)	Level 1 (12 A-120 V) Charge Time (Hours)	Level 2 (30 A-208V) 6.2KW Charge Time (Hours)	MI- Charge in 4 Hours	KM- Charge in 4 Hours	Range-MI	Range in KM	Efficiency WH/Km
2022 Ford F-150 Lighting	94	67.4	15.4	60.81	97.84	230	370	250
2023 Ford F-150 Lighting extended range	131	94.0	21.4	60.81	97.84	300	482	250
Mercedes B Class B250e	28	20.1	4.6	61.30	98.63	84	135	248
Jaguar I-Pace	90	64.6	14.7	68.17	109.69	236	380	223
Volvo XC40 Recharge Pure Electric	78	56.0	12.8	68.79	110.68	211	340	221
Ford Mustang Mach E Premium	88	63.1	14.4	72.39	116.48	261	420	210
BMW iX xDrive50	105.2	75.5	17.2	73.09	117.60	314	505	208
BMW ActiveE	32	23.0	5.2	74.16	119.32	94	151	205
Audi e-tron GT	93	66.7	15.2	75.26	121.09	261	420	202
Ford Mustang Mach E Standard Range	68	48.8	11.1	76.01	122.30	273	440	200
Tesla Model X 75D	75	53.8	12.3	76.01	122.30	218	350	200
2017 Ford Focus EV	33.5	24.0	5.5	79.18	127.40	115	185	192
Kia Soul	27	19.4	4.4	79.18	127.40	87	140	192
Porsche Taycan 4S Performance Battery Plus	93	66.7	15.2	79.18	127.40	270	435	192
Tesla Model S 70	70	50.2	11.4	80.01	128.74	240	386	190
Audi Q4 e-tron 40	77	55.2	12.6	80.44	129.42	252	405	189
VW ID.5 GTX	77	55.2	12.6	80.86	130.11	255	410	188
Fiat 500E	24	17.2	3.9	81.73	131.51	112	180	186

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Ford Focus EV	23	16.5	3.8	82.18	132.22	107	172	185
Porsche Taycan 4S	79	56.7	12.9	83.53	134.40	286	460	182
Volkswagen ID.4 Pure	52	37.3	8.5	83.53	134.40	177	285	182
Chevrolet Spark	19	13.6	3.1	83.99	135.14	82	132	181.
Audi e-tron Sportback	95	68.2	15.5	84.46	135.89	264	425	180
Kia Soul EV Limited	64	45.9	10.5	84.46	135.89	238	383	180
Tesla Model S 60	60	43.0	9.8	84.46	135.89	214	345	180
Tesla Model Y Performance	75	53.8	12.3	84.93	136.65	264	425	179
Zenith 350 Van	62.5	44.8	10.2	84.93	136.65	77.5	124.7	179
Mazda MX-30	30	21.5	4.9	86.38	138.98	106	170	176
Polestar 2	78	56.0	12.8	86.38	138.98	264	425	176
Chevrolet Bolt	60	43.0	9.8	87.36	140.56	238	383	174.
Chevrolet Bolt EUV	65	46.6	10.6	87.36	140.56	239	384	174
VW e-Golf	24	17.2	3.9	87.36	140.56	125	201	174
Kia Niro EV	64	45.9	10.5	87.88	141.39	230	370	173
Nissan LEAF SL PLUS	62	44.5	10.1	88.39	142.21	202	325	172
Mitsubishi i-MIEVE	16	11.5	2.6	88.90	143.05	53	85	171
BMW i4 eDrive40	80.7	57.9	13.2	89.43	143.89	295	475	170
Tesla Model S 90	90	64.6	14.7	89.43	143.89	348	560	170
Mercedes EQS 450+	107.8	77.3	17.6	90.49	145.60	398	640	168
BMW i3 2017 (60 Ah Battery)	23	16.5	3.8	90.65	145.86	81	130	167.7

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BMW i3 2017 (90 Ah Battery)	32	23.0	5.2	90.65	145.86	114	183	167.7
Kia e-Niro 39 kWh	39	28.0	6.4	91.03	146.47	146	235	167
VW ID.3 Pro S	58	41.6	9.5	91.58	147.35	218	350	166
2016-2017 Nissan Leaf (SL & SV) 6.6	37	26.5	6.1	92.70	149.15	140	225	164
Hyundai Kona Electric	64	45.9	10.5	93.84	150.99	245	395	162
Tesla Model 3 Standard Range Plus	55	39.5	9.0	93.84	150.99	292	470	162
Tesla Model S 100	100	71.7	16.4	93.84	150.99	364	585	162
BMW i3 ('14-'16)	37.9	27.2	6.2	94.43	151.93	146	235	161
MINI Cooper SE 3 Door	32	23.0	5.2	97.45	156.80	115	185	156
Tesla Model S 85	85	61.0	13.9	98.08	157.81	301	485	155
Tesla Model 3 Performance AWD	76	54.5	12.4	98.72	158.84	283	455	154

AVERAGE				83.80	134.84			
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