

Electric Vehicle Catalogue

Activity 2: What EV Should You Buy?

Make	Audi	BMW	Chevrolet	Hyundai	Hyundai	Jaguar	Kia	Kia
Model	e-Tron GT/RS e-Tron GT	i3	Bolt EV	Ioniq 6	Kona Electric	I-Pace	Soul EV	Niro EV
Type	BEV	BEV	BEV	BEV	BEV	BEV	BEV	BEV
Year	2024	2024	2024	2024	2024	2024	2024	2024
Retail Price (MSRP)	\$106,500	\$45,445	\$38,198	\$54,999	\$46,399	\$104,150	\$43,095	\$30,595
No. of Seats	5	4	5	5	5	4	5	5
Battery Size (kWh)	95	33	60	28	64	90	30	64
Battery Range (km)	400	172	417	581	415	381	248	385
Gas Range (km)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Charge Time (Level 2 - hr)	9	5	9.5	4.25	9.3	13	9.5	9.5
Cost to drive per year	\$736	\$481	\$458	\$403	\$452	\$715	\$502	\$484
Electric: City/Hwy (L/100km)	3.2/3.2	1.8/2.1	1.8/2.2	1.6/1.8	1.8/2.2	2.9/3.3	1.9/2.4	1.9/2.3
Gas: City/Hwy (L/100km)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Federal Incentive?	No	Yes	Yes	Yes	Yes	No	Yes	Yes

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Make	Mazda	Mini Cooper	Nissan	Tesla	Tesla	Tesla	Volkswagen
Model	MX-30	SE	Leaf SV	Model 3	Model S	Model X	e-Golf
Type	BEV	BEV	BEV	BEV	BEV	BEV	BEV
Year	2024	2024	2024	2024	2024	2024	2024
Retail Price (MSRP)	\$42,750	\$43,590	\$41,748	\$49,999	\$99,990	\$109,990	\$37,895
No. of Seats	5	4	5	5	5	5-7	5
Battery Size (kWh)	35.5	32.6	40	50	100	75	35.8
Battery Range (km)	161	180	240	386	460	539	201
Gas Range (km)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Charge Time (Level 2 - hr)	3	2.5	8	10	12	10	5.5
Cost to drive per year	\$850	\$458	\$486	\$406	\$499	\$538	\$452
Electric: City/Hwy (L/100km)	2.0/1.4	1.8/2.6	1.9/2.4	1.7/1.9	2.5/2.3	2.6/2.4	1.9/2.1
Gas: City/Hwy (L/100km)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Federal Incentive?	Yes	Yes	Yes	Yes	No	No	Yes