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EV FACT SHEET

NEW BEV passenger car models currently
(or soon to be) available in Australia



For latest list: <https://www.aeva.asn.au/battery-electric-vehicle-models-bevs/>

September 2022

Battery Electric Passenger Vehicles – available now

make/model	WLTP range ³ km	v2L ¹³	Size class ¹¹	Battery size/s: kWh	Max charge rates in kW AC(DC) ⁷	Tow rating in kg unbraked/braked	Price ⁴
Audi e-tron 50	336		L SUV	71	11(150)	750/1800	\$148,000
Audi e-tron 55	417		L SUV	95	11(150)	750/1800	\$165,699
BMW i4 eDrive40	520		M Pass	81	11(200)	750/1600	\$111,000
BMW i4 eDrive M50	465		M Pass	81	11(200)	750/1600	\$137,500
BMW iX3	460		M SUV	80	11(155)	750	\$129,000
BMW iX Drive40	420		L SUV	75	11(150)	750/2500	\$150,000
BMW iX Drive50	620		L SUV	110	11(200)	750/2500	\$186,000
BYD Atto 3	345/420	✓	S SUV	50/60	7(70)	X	\$47,000
Genesis GV60	451	✓	M SUV	77.4	TBC(220)	750/1600	\$116,000
Genesis G80	520	✓	L Pass	77.4	TBC(220)	X	\$160,000
Hyundai Kona electric–SR	305		S SUV	39	7.2(44)	X	\$59,000
Hyundai Kona electric–LR	484		S SUV	64	7.2(70)	X	\$64,000
Hyundai Ioniq electric (on run-out)	311		S Pass	38	7.2(44)	X	\$54,000
Hyundai Ioniq 5	451	✓	M SUV	73	11(220)	750/1600 ⁹	\$80,000
Jaguar I-Pace	470		L SUV	90	11(100)	750/750	\$127,990
Kia Niro EV (2022 update)	455		S SUV	64	11(85)	300/750	\$71,000
Kia EV6	527	✓	M SUV	77.4	11(233)	TBC	TBC \$75k
Lexus UX300e	315	X ¹⁴	M SUV	54.3	6.6(35)	X	\$84,000
Mazda MX-30 E35 Astina	200		S SUV	35.5	6.6/50	X	\$65,000
Mercedes EQA	426		S SUV	66.5	11(100)	X	\$83,000
Mercedes EQC	400		M SUV	80	7.4(110)	X	\$151,500
Mercedes EQS 53 (AMG)	587		L Pass	108	11(TBC)	X	\$350,000
MG ZS EV	263		S SUV	44.5	7(50)	X	\$45,000
Mini Cooper SE	232		Li Pass	32.6	11(50)	X	\$62,000
Nissan Leaf ZE1	270	X ¹⁴	S Pass	40	6.6(50)	X	\$53,785
Nissan Leaf ZE1 e+	385	X ¹⁴	S Pass	62	6.6(100)	X	\$65,000
Polestar 2 std. range (2WD)	TBC/440¹²		M Pass	69	11(130)	750/1500	\$69,430
Polestar 2 long range (AWD)	440/540¹²		M Pass	78	11(155)	750/1500	\$79,451
Porsche Taycan (RWD)	369		L Pass	79/93 ⁶	11(225)	X	\$176,000
Porsche Taycan 4S (AWD)	431		L Pass	79/93 ⁶	11(270)	X	\$218,224
Porsche Taycan Cross Turismo	390 TBC		L SUV	93.4	11(270)	X	\$196,000
Tesla Model 3 Std Range 2WD	491		M Pass	62.3	11(100)	750/910	\$67,485
Tesla Model 3 L. Range AWD	602		M Pass	75	11(250)	750/910	\$79,047
Tesla Model Y SR RWD	455	X	M SUV	62.3	11(120)	750/1600	\$78,000
Tesla Model Y LR AWD (Perf)	514	X	L SUV	75	11(250)	750/1600	\$107,779
Volvo C40 Recharge	420 TBC	X	M SUV	70	TBC	750/1800	\$90,000
Volvo XC40 Recharge	400	X	S SUV	78	11(150)	750/1500	\$84,000

Notes to tables overleaf:

Battery Electric Passenger Vehicles – coming soon

make/model	WLTP range ³ km	V2L ¹³	Size class ¹¹	Battery size/s: kWh	Max charge rates in kW AC(DC) ⁷	Tow rating in kg unbraked/braked	Price ⁴	ETA ⁵
Audi e-tron GT	487	TBC	L Pass	93	11(270)	X	\$190k TBC	Q4 2022
BMW iX1	438 TBC	TBC	SUV	TBC	TBC	TBC	TBC	Q1 2023
BMW i7 xDrive60	625 TBC	TBC	L Pass	112	11(200)	TBC	\$240k TBC	Q3 2022
Cupra Born	340-550	TBC	S Pass	45/58/77	TBC	TBC	TBC	Q1 2023
Genesis GV70	400 TBC	✓	L SUV	TBC	TBC	TBC	TBC	H1 2022
GWM Ora Good Cat	320/416	TBC	S Pass	40/63	TBC	TBC	TBC \$45k	Q4 2022?
Hyundai Ioniq 6	TBC	TBC	M Pass	TBC	TBC	TBC	TBC	Q1 2023
Lotus Eletre	600 TBC	TBC	L SUV	>100	22/TBC	TBC	>\$200k	H2 2023
Mercedes EQB	TBC	TBC	M SUV	66.5	11(TBC)	TBC	\$88k+ORCs	H2 2022
Mercedes EQV	350 TBC	TBC	PM	100	11(110)	TBC	TBC	H2 2022
MG 4	350/450	TBC	S Pass	51/64 TBC	TBC	TBC	TBC	H1 2023?
MG ZS EV facelift	320	TBC	S SUV	51	TBC(75)	TBC	\$47,000	Q3 2022
Renault e-tech Megane	470	TBC	S SUV	60	7.4(130)	500/500 TBC	\$70k TBC	H2 2023
Subaru Solterra	500 TBC	TBC	M SUV	71.4	6.6(150)	TBC	TBC	H1 2023
Tesla Model X Long Range	580	X	UL SUV	95	11(250)	750/2250	\$197,000	Q4 2023? ⁸
Tesla Model S Long Range	663	X	UL Pass	95	11(250)	X	\$170,500	Q4 2023? ⁸
Tesla Model Y LR Perf.	528	X	M SUV	75	11(250)	TBC: 750/1600	\$105k TBC	H2 2022?
Toyota bZ4X	500 TBC	✓	M SUV	71.4	6.6(150)	TBC	\$80k TBC	Q4 2022?

Notes to tables:

- Quoted range from the Green Vehicle Guide: <https://www.greenvehicleguide.gov.au>.
- Renault quoted real-world range.
- WLTP (Worldwide Harmonized Light vehicles Test Procedure) derived range in Bold italic.** WLTP standardised cycle: 57% urban routes, 25% peri-urban routes, 18% motorway routes. WLTP range is approx. 30% lower than NEDC, but about 10% higher than US EPA. (For city through to outer suburban areas – WLTP is the likely range you will achieve. If you drive is more a mix of suburban to regional, for an estimate of your likely range - either source the US EPA figure, or subtract 10% from the WLTP figure).
- Approximate base model price based on currently available vehicle sales listings, inc on-road costs (ORCs). Note that ORCs vary slightly between states and territories – more so now as some states have dropped Stamp Duty and other state based charges on some EV purchases and/or for a set number of EVs sold. Check your local situation when close to purchase to avoid disappointment.
- ETA: Q=quarter. Q1=Jan-Mar; Q2=Apr-Jun; Q3=July-Sept; Q4=Oct-Dec. H1=Jan-Jun; H2=Jul-Dec.
- Some EVs are now offered with optional (larger) battery sizes. If more than one size listed, price is for base version and range estimate is for the italicised battery size.
- Maximum recharging rates. Note that AC rates over 7.4kW require three phase power. DC rates are for charging rates up to around 80% of full charge. DC charging rates reduce significantly after 80%.
- New Model S or X vehicles unavailable in Australia, however updated models were released overseas at the start of 2021. Until recently the Tesla Configurator site specified a delivery date of 'End of 2022'. That has now been removed and local tesla sales staff now report it as unlikely to be seen before the end of 2023.
- Only the Long Range Ioniq 5 is rated for towing. Standard Range (SR) version not tow rated. SR Ioniq 5 may be released at a later date.
- Tow ratings: XX/YY = unbraked rating/braked rating
- VFACTS (Australia) definitions.
SUV = Sports Utility Vehicle. Sizes: S = small, M = medium, L = large, UL = upper large
Pass = Passenger vehicle. Sizes: Li = light, S = small, M = medium, L = large, UL = upper large
PM = people mover; Sp = sports
- WLTP range and range given by the Polestar 2 dash Range Estimator vary significantly. For instance, LR Polestar is set to 440 km.
- V2L = Vehicle to Load. This is the ability to plug a standard 240V AC power appliance, via an adaptor, to draw power from the main battery pack.
Note:
V2L does not enable a vehicle to directly supply power to a home switchboard or to the grid. These latter are called V2H (Vehicle to Home) and V2G (Vehicle to Grid). The CCS charging system is expected to offer both V2H and V2G capabilities by 2025
- Astrixed vehicles are the last remaining vehicles offered here with the CHAdeMO DC charging socket. The CHAdeMO charging system does incorporate V2L, V2H and V2G capabilities, but only V2H for CHAdeMO is currently approved for use here in Australia.

Important notes:

- This Fact Sheet is prepared by EV Choice and provided free to AEVA for non-commercial use.
- Please check all specifications with the manufacturer prior to any purchase. No responsibility accepted for errors factual or due to reproduction in this Fact Sheet. Whilst all efforts are made to ensure the accuracy of the material in this Fact Sheet, manufacturers regularly make changes (often unannounced) to their model ranges and specifications.