



aeva.au/fact-sheets

# EV FACT SHEET

## NEW BEV passenger cars CURRENTLY available in Australia



Created and written by: Bryce Gatton  
Contact: Bryce@evchoice.com.au

November 2024

make/model	WLTP range <sup>3</sup> km	v2L v2G <sup>13</sup>	Size class <sup>11</sup>	Battery: kWh	AC(DC) <sup>7</sup> charge rates in kW	Tow rating in kg unbraked/braked	Price <sup>4</sup>
Audi Q8 e-tron (SUV & Sportsback)	454	N	L SUV	114	11 <sup>17</sup> (175)	750/1800	\$150,000
Audi e-tron GT	487	N	L Pass	93	11(270)	X	\$195,000
BMW i4 eDrive40	520	N	M Pass	81	11(200)	750/1600	\$111,000
BMW i5	582	TBC	L Pass	84	11 <sup>17</sup> (205)	750/2000	\$168k
BMW i7 xDrive60	625	N	UL Pass	106	11(195)	750/2000	\$240k TBC
BMW iX1 xDrive20 & 30	474/439	N	SUV	65	22(130)	750/1200 <sup>23</sup>	\$90,000
BMW iX2 XDrive20 & 30	455	N	M SUV	67	11(130)	750/1200 <sup>23</sup>	\$93,000
BMW iX3	460	N	M SUV	80	11(155)	750	\$129,000
BMW iX Drive40, 50	420/620	N	L SUV	75/110	11(150/200)	750/2500	\$150k/186k
BYD Atto 3	345/420	L	S SUV	50/60	7(70/80 <sup>15</sup> )	750/750	\$47.2k/\$50.3k
BYD Dolphin	340/427	L	S Pass	45/60.5	7(60/80)	X	\$39.3k/45.6k
BYD Seal	460/570	L	M Pass	61/82	7(150 <sup>20</sup> )	X	\$53k/59k
Cherry Omoda E5 electric	430	N	S SUV	61	11(80)	750/750	\$46,779
Cupra Born	511	TBC	S Pass	82	11(170)	X	\$65,000
Fiat 500e	311	N	Li Pass	42	11(85)	X	\$58,000
Ford Mach-E	470/600	N	L SUV	72/91	11(150)	X	\$72,300
Genesis GV60	470	L	M SUV	77.4	11(220)	750/1600	\$120,000
Genesis GV70	445	L	L SUV	77.4	11(220)	750/2200	\$141,000
Genesis G80	520	L	L Pass	77.4	11(220)	X	\$160,000
GWM Ora	310/420	TBC	S Pass	48/63	11(80)	X	\$36k/39k
Hyundai Ioniq 5	384/507	L	M SUV	58/77.4	11(233 <sup>19</sup> )	750/1600 <sup>9</sup>	\$72k/\$78.5k
Hyundai Ioniq 5N	448	L	M SUV	84	11(233)	X TBC	\$125k
Hyundai Ioniq 6	429/614	L	M Pass	58/77.4	11(233 <sup>19</sup> )	750/1500	\$71k/77k
Hyundai Kona (2024 model)	370/505	L	S SUV	48.6/64.5	11(100)	300/750 <sup>21</sup>	\$59k/\$63k
Jaguar I-Pace	470	N	L SUV	90	11(100)	750/750	\$150,000
Kia EV6 2WD	528	L	M SUV	77.4	11(233)	750/1600	\$78,600
Kia EV6 4WD	504	L	M SUV	77.4	11(233)	750/1600	\$95,700
Kia EV6 GT	424	L	M SUV	77.4	11(233)	750/1800	\$100k+ORCs
Kia EV 9	443/512	L	UL SUV	76/99.8	11(230)	750/2500	\$107k/120k
Kia Niro EV	460	L	S SUV	65	11(85)	300/750	\$72,300
LDV Mifa9	435	N	PM	90	11(120)	750/1000	\$106k+ORCs
Lexus RZ450e	354	N	L SUV	71.4	11(150)	750/750	\$134,500
Lexus UX300e	440	X <sup>14</sup>	M SUV	72.8	6.6(50)	X	\$89,000
Lotus Eletre	600	X	UL SUV	112	22(350-TBC)	X	\$190k+ORCs
Mercedes EQA250+ (2024 update)	496	N	S SUV	70.5	11(100)	X	\$91,000
Mercedes EQA350 4Matic	TBC	N	S SUV	66.5	TBC	X	\$108,200
Mercedes EQB-2024 update	371	N	M SUV	66.5	11(110)	X	\$88k+ORCs
Mercedes EQC	400	N	M SUV	80	11(110)	X	\$151,500
Mercedes EQE sedan	508	N	L Pass	89	11 <sup>17</sup> (170)	X	\$140,000
Mercedes EQE SUV	446	N	L SUV	89	11 <sup>17</sup> (170)	750/750	\$141,000
Mercedes EQS sedan	587	N	UL Pass	108	22(200)	X	\$235,250
Mercedes EQS SUV	592	N	UL SUV	108	11 <sup>17</sup> (220)	X	\$204,000
Mercedes EQV	418	N	PM	90	11(110)	X	\$155k+ORCs
Mercedes eVito Tourer	421	N	PM	90	11(110)	X	\$116k+ORCs
MG 4: pricing to Oct 21 <sup>st</sup> only	350/450/530	L	S Pass	51/64/77	6.6 <sup>18</sup> (88/135)	500/500	\$31/37/46.5k
MG 4 XPower	385	L	S Pass	64	6.6(140)	500/500	\$60,000
MG ZS EV	320/440	L	S SUV	51/72	11(75)	500/500	\$35k/50.5k
Mini Cooper E & SE (2024 models) <sup>24</sup>	305/403	N	Li Pass	41/54	11(75/95)	X	\$60k/65k
Mini Countryman SE	462	N	M SUV	64	11(130)	750/750	\$76k
Nissan Leaf ZE1	270	X <sup>14</sup>	S Pass	40	6.6(50)	X	\$39,990
Nissan Leaf ZE1 e+	385	X <sup>14</sup>	S Pass	62	6.6(100)	X	\$49,990
Peugeot e-2008 (SOLD OUT)	<del>328</del>	X	S SUV	50	<del>7.4(100)</del>	X	<del>\$39,990</del>
Polestar 2 SR (2WD) price to 30.9	546	N	M Pass	69	11(130)	750/1500	\$68,500
Polestar 2 LR (AWD) price to 30.9	595	N	M Pass	82	11 <sup>17</sup> (205)	750/1500	\$72,669

Table continued on next page

<b>make/model</b>	<b>WLTP range<sup>3</sup> km</b>	<b>V2L V2G<sup>13</sup></b>	<b>Size class<sup>11</sup></b>	<b>Battery: kWh</b>	<b>AC(DC)<sup>7</sup> charge rates in kW</b>	<b>Tow rating in kg unbraked/braked</b>	<b>Price<sup>4</sup></b>
<b>Polestar 3</b> <i>Sept delivery</i>	<b>631</b>	TBC	L SUV	111	11(250)	2200/750	\$142,000
<b>Polestar 4 (2WD)</b> <i>Dec delivery</i>	<b>610</b>	TBC	UL Pass	100	22 <sup>22</sup> (200)	750/1500	\$86,000
<b>Polestar 4 (AWD)</b> <i>Dec delivery</i>	<b>580</b>	TBC	UL Pass	100	22 <sup>22</sup> (200)	750/2000	\$96,000
<b>Porsche Taycan (2WD)</b>	<b>403</b>	N	L Pass	<b>79/93<sup>6</sup></b>	11(225)	X	\$176,000
<b>Porsche Taycan 4S (AWD)</b>	<b>478</b>	N	L Pass	<b>79/93<sup>6</sup></b>	11(270)	X	\$250,000
<b>Porsche Taycan Cross Turismo</b>	<b>425</b>	N	L SUV	93.4	11(270)	X	\$196,000
<b>Renault e-tech Megane</b>	<b>450</b>	N	S SUV	60	7.4(130)	750/900	\$60,136
<b>Rolls Royce Spectre</b>	<b>530</b>	TBC	UL Pass	102	TBC(195)	TBC	\$770k+ORCs
<b>Smart #1</b>	<b>420</b>	N	S Pass	62	22(150)	750/1600	\$55k+ORCs
<b>Smart #3</b>	<b>400 TBC</b>	N	S Pass	62	22(150)	750/1600	\$58k+ORCs
<b>Subaru Solterra</b>	<b>414</b>	N	M SUV	71.4	7(150)	750/750	\$78,000
<b>Tesla<sup>8</sup> Model 3 Std Range 2WD</b>	<b>513</b>	N	M Pass	62.3	11(170)	750/1000	\$64,295
<b>Tesla<sup>8</sup> Model 3 L. Range AWD</b>	<b>629</b>	N	M Pass	75	11(250)	750/1000	\$73,673
<b>Tesla<sup>8</sup> Model Y SR 2WD</b>	<b>455</b>	N	L SUV	62.3	11(170)	750/1600	\$66,379
<b>Tesla<sup>8</sup> Model Y LR AWD</b>	<b>533</b>	N	L SUV	75	11(250)	750/1600	\$75,757
<b>Toyota bZ4X</b>	<b>414</b>	N	M SUV	71.4	7(150)	750/750	\$71,600
<b>Volvo C40 Recharge 2WD</b>	<b>475</b>	N	M SUV	69	11(135)	750/1500	\$87,300
<b>Volvo C40 Recharge AWD</b>	<b>530</b>	N	M SUV	82	11(200)	750/1800	\$97,500
<b>Volvo XC40 Recharge 2WD</b>	<b>460</b>	N	M SUV	69	11(135)	750/1500	\$85,250
<b>Volvo XC40 Recharge AWD</b>	<b>500</b>	N	M SUV	82	11(200)	750/1800	\$95,000
<b>Volvo EX30 2WD</b>	<b>480</b>	N	S SUV	69	11(150)	750/1600	\$67,500
<b>Volvo EX30 AWD</b>	<b>460</b>	N	S SUV	69	11(150)	750/1400	\$79,322

#### Notes to table:

- 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 your 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 in Victoria, based on currently available vehicle sales listings. This price includes on-road costs (ORCs) but does NOT include any subsidies. 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 if only one range estimate is listed, it 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%.
- Tesla models S and X no longer made in right-hand drive. RHD sales in Australia stopped in late 2020, but were only officially ended in May 2023.
- Standard Range (SR) version has a 750 kg maximum tow rating.
- 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
- NA.
- Symbols: L = V2L. G = can do V2H and V2G. N = No V2X capabilities.  
V2X is the generic term covering the options of getting 230V AC power from the battery and supplying it as:
  - V2L: vehicle to load (230V power available from outlet in car).
  - V2H: vehicle to home (supply home via special connection) done using the DC section of the charge socket.
  - V2G: vehicle to grid (supply home or grid via spec. connection) done using the DC section of the charge socket.**Note:**  
V2L does not enable a vehicle to directly supply power to a home switchboard or to the grid. The CCS charging system is expected to offer both V2H and V2G capabilities by 2025.
- These vehicles are the last remaining vehicles offered here with the CHAdeMO DC charging socket. Whilst the CHAdeMO charging system does incorporate V2L, V2H and V2G capabilities, currently only South Australia and the ACT allow trial installations of the necessary equipment to do V2H/V2G. In addition, no CHAdeMO V2L equipment has been approved for use or sale in Australia.
- Larger battery has a higher DC maximum charge rate.
- Extra-cost option for 11kW AC charging available.
- Extra-cost option for 22kW AC charging available.
- 11kW AC charging for MG4 Long Range only.
- Ioniq 5 and 6 SR charge at 175kW DC.
- Smaller BYD Seal battery charges at 110 kW.
- Only long range 2024 Kona has a tow rating. Standard range 2024 model and all of the earlier model have a zero tow rating.
- Polestar 4 is standard as 11kW AC charging. 22kW available with the Plus pack.
- eDrive 20 versions of BMW iX1 and iX2 have a 750kg maximum braked tow rating.
- Available to order. Q3 2024 delivery.

#### Important notes:

- This Fact Sheet is prepared by EV Choice and provided free to AEVA for personal, non-commercial uses only.
- For commercial or public use approvals: contact [bryce@EVchoice.com.au](mailto:bryce@EVchoice.com.au)
- 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.