

**EV FACT SHEET** 

NEW BEV Light Commercial Vehicles available (or coming soon) to Australia



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

BEV light commercial vans, utes and trucks – available now											
make/model	WLTP range <sup>3</sup> km	V2L V2G <sup>13</sup>	Load capacity: kg	Battery size/s: kWh	Max charge rates in kW AC(DC) <sup>7</sup>	Tow rating in kg unbraked/braked	Price <sup>4</sup>				
Ford e-Transit	307	Ν	1,600	68	11(115)	Х	\$64k+ORCs				
Ford e-transit custom	301	TBC	1,000	68	11(125)	750/2300	\$77.6k+ORCs				
Foton T5 cab-chassis (4.5t version)	200 TBC	Ν	2,000 TBC	81.4	11(85)	750/3,500	\$100k TBC				
Fuso eCanter (4.5t version)	70/140/200	ePTO	1,900 TBC	40/80/120	11/22(104)	Х	TBC				
JAC N55 (4.5t version)	200	TBC	2,000	97	7(120)	4,490	\$150k TBC				
Joylong E6 bus	<b>300</b> TBC	Ν	12-14 seat	86	22(TBC)	TBC/1800	\$105k TBC				
LDV eDeliver 7	318/362	Ν	~1200	77/88	11(78/90)	750/1500	\$64,000				
LDV eDeliver 9	280	Ν	1410	88.5	11(80)	750/1500	\$110,000				
LDV eT60 dual cab ute	330	L	1000	88.5	11(80)	750/1000	\$100,000				
Mercedes e-Sprinter	TBC/359	TBC	1.1-1.5t	81/113	11(115)	750/2000	\$113,300				
Mercedes eVito van	239	TBC	882	60	11(80)	Х	\$59,000				
Mercedes eVito Tourer (run-out)	421 <sup>14</sup>	Ν	8 seats	90	11(110)	Х	\$77,000				
Peugeot e-Expert LWB	330	TBC	1,000	75	11(100)	750/1000	\$86,325				
Peugeot e-Partner	258	Ν	750	50	7.4/(100)	750/750	\$65,514				
Renault Kangoo E-Tech SWB	286	N	523	45	22(80)	750/1500	\$72,000				
Skywell EC11 van	<b>300</b> TBC	N	1,790	74	22(73)	750 (TBC)	\$59,990				
Skywell EC11 12 seat bus	<b>300</b> TBC	N	12 seats	74	22(73)	(TBC)	\$119,990				
VW ID Buzz Cargo	TBC	TBC	TBC	77	11(170)	TBC	\$86,162				

## BEV light commercial vans, utes and trucks – coming soon

make/model	WLTP range <sup>3</sup> km	V2L V2G <sup>13</sup>	Load cap. (kg)	Battery size/s: kWh	Max charge rates in kW AC(DC) <sup>7</sup>	Tow rating in kg unbraked/braked	Price <sup>4</sup>	ETA⁵
Farizon SV Cargo Van	200/270 ТВС	TBC	1.1-1.3t	67/83/106	TBC	TBC	ТВС	H2 2025
Farizon H9E cab-chassis	100 TBC	TBC	4.5t+	107	TBC	ТВС	ТВС	H2 2025
Isuzu D-Max ute	ТВС	TBC	1000	67 TBC	TBC	750/3500	TBC	2025?
JAC T9 dual cab ute	ТВС	TBC	TBC	TBC	TBC	ТВС	TBC	2025??
JAC T9 light truck	ТВС	TBC	TBC	TBC	TBC	ТВС	ТВС	2025??
LDV eTerron9	300 TBC	L	TBC	109	TBC	750/3500	ТВС	H2 2025?
Renault Master E-Tech	200	TBC	1.4t	52	TBC(TBC)	ТВС	TBC	H2 2025?
Renault Trafic E-Tech	240	TBC	1,100	52		750 TBC	TBC	H2 2025?

## Notes to tables overleaf:

## Notes to tables:

- 1. NA
- 2. NA
- 3. 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).
- 4. 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.
- 5. ETA: Q=quarter. Q1=Jan-Mar; Q2=Apr-Jun; Q3=July-Sept; Q4=Oct-Dec. H1=Jan-Jun; H2=Jul-Dec.
- 6. 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.
- 7. 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%.
- 8. New Model S or X vehicles unavailable in Australia, updated models recently released overseas. Current order delivery estimate on Tesla Configurator site is 'End of 2022'.
- 9. Only the Long Range Ioniq 5 is rated for towing. Standard Range (SR) version not tow rated. SR Ioniq 5 to be released at a later date.
- 10. Tow ratings: XX/YY = unbraked rating/braked rating
- 11. 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
- 12. WLTP range and range given by the Polestar 2 dash Range Estimator vary significantly. For instance, LR Polestar is set to 440 km.
- 13. 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.

- 14. NEDC the only range given by Mercedes for these vans. This is the current Australian ADR 81/02 test system based on the old (and largely discredited) NEDC test cycle that regularly gives around 30% more range than WLTP. (See also note 3 re WLTP).
- 15. 11kW optional at additional cost.
- 16. Fully loaded range

## Important notes:

- 1. This Fact Sheet is prepared by EV Choice and provided free to AEVA for non-commercial use.
- 2. Fact Sheets are provided for personal, non-commercial use. For commercial uses, contact bryce@EVchoice.com.au
- 3. 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.