

Fleet Buyers Guide: Electric Trucks Available in Australia (2024)

As the transition to zero-emission transport accelerates, more electric trucks are now commercially available in Australia — particularly in the light commercial and rigid categories. This guide lists battery electric trucks currently on the market, helping fleet managers identify models suitable for urban, regional and long-haul freight operations.

[Data sourced from the AECOM report “Electrifying Road Freight – Pathways to Transition” \(2024\), commissioned by ARENA.](#)

Light Commercial Electric Vehicles (LCVs)

Best suited for: Urban freight, last-mile delivery, depot-based operations

Make & Model	Body Type	Battery Size (kWh)
LDV eT60	Ute	88.5
Ford F-150 Lightning	Ute	98 or 131
BYD Shark 6	Ute	80
LDV eDeliver 9	Van	77 or 88
Mercedes-Benz EQV	Van	90
Mercedes-Benz eVito	Van	85
Peugeot e-Partner	Van	50
Peugeot e-Expert	Van	75
Renault Kangoo E-Tech	Van	33
BYD T3	Van	50.3
ACE Cargo Light	Van	23.2
EC11	Van	73.6
SEA E4V	Van	88

Rigid Electric Trucks

Best suited for: Urban and short regional freight, council and service fleets

Make & Model	Body Type	Battery Size (kWh)
Volvo FE	Medium Rigid	280–375
Volvo FL	Light Rigid	280–375
Volvo FMX	Heavy Rigid	450–540
Mercedes eActros 300	Heavy Rigid	336
Mercedes eEconic	Heavy Rigid	336
SEA 300EV	Medium Rigid	138
SEA 500EV	Heavy Rigid	280
Fuso eCanter (all configs)	Rigid	41.3–124
Hyundai Mighty Electric	Light Rigid	115
Scania 25P	Heavy Rigid	165
JAC N55 / N75 / N90	Rigid	97–107
Foton T5	Light Rigid	81

Articulated Electric Trucks (Long-Haul)

Best suited for: Interstate and intrastate hub-to-hub freight
 (Currently limited, with growth expected in coming years)

Make & Model	Configuration	Battery Size (kWh)
Volvo FH Electric	Articulated	450-540
Volvo FH Aero Electric	Articulated	450-540
JANUS Kenworth T403 (conversion)	Articulated	600