



# E4B Commuter Bus

*SEA ... the Future*

The SEA E4B is the world's first commercially viable, 100% electric 12 or 15 seat commuter bus. With unparalleled performance delivered through SEA's unique, all electric power-system known as SEA-Drive<sup>®</sup> 70, the E4B delivers class leading comfort, range, emissions and total cost of ownership (TCO).

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# SPECIFICATIONS

## SEA E4B



### Dimensions

Length: 5,995mm	Front Overhang: 1,195mm
Width: 1,880mm	Rear Overhang: 1,080mm
Height: 2,285mm	Front Tread: 1,650mm
Wheelbase: 3,720mm	Rear Tread: 1,080mm

### Mass

Gross Vehicle Mass (GVM): 4,035kg
Payload Approx: with 12 seats 735kg and 10.5m <sup>3</sup>
Payload Approx: with 15 seats 673kg and 10.5m <sup>3</sup>

### The E4V

Powered by SEA-Drive™ 70
Range: up to 300km* (unladen)
Top Speed: 110km/h
Operating temperature range: -20°C to 50°C
Gradeability: 17%
0 - 50km/h in 5 seconds
VSB6, VSB14 and ADR compliant

### 100% Electric Power-System

Type: AC Asynchronous Motor
Continuous power: 75kW
Maximum power: 134kW
Maximum torque: 700Nm
Efficiency: 95% peak efficiency

### Batteries

88kWh battery capacity
Life Cycle: Up to 10 Years
Cell Type: Lithium-Ion (LiNiMnCoO <sub>2</sub> ) - Known as NMC
Energy Density: 127.7 Wh/Kg

### Charging

Standard charging using three-phase 32amp on board charger with 5 pin plug, up to 22kW
DC/DC converter is 2kW with 12V power supply
Charge Time: Approx. 5 hours to full charge
<i>Optional</i> Fast Charging System

### Telematics SEA-Connect® *Optional*

Ability to provide vehicle and driver related data
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### Interior

Seating: Driver & passenger seating, 12 or 15 seat commuter
Day Saloon with AM/FM radio, USB input for iPod or USB memory stick and Bluetooth audio and voice system with 2 speakers
GPS Navigation & Reverse Camera
Instruments and Controls: Power windows and mirrors, Central locking, Adjustable steering wheel
Centre console with 4 cupholders
Air Conditioning & Heating

### Exterior

Standard: Driver's and passenger's side door
Halogen headlamps

### Steering

Type: Recirculating ball with power assist
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### Braking System

Service: Vacuum over Hydraulic - dual circuit with ABS and EBD
Park/Emergency System: Single drum brakes/rear booster
System: Regenerative braking

### System Warranty

5 years for batteries <sup>#</sup>
3 years <i>or</i> 100,000km <sup>*</sup>



Batteries Mounted Under Chassis for Improved Stability



Upgradable Plug and Play Architecture



Three-phase 32amp On Board Charger - the Biggest Charging Network In The World



Powerful Handling with a Smooth Ride



Lower Maintenance & Operating Costs - No Fuel, Few Moving Parts



Zero Emissions - Reduce Your Carbon Footprint

\*Range figures are intended for comparison purposes only and are based on unladen, cab chassis or van test drive conditions. Actual range achieved will depend upon a number of factors including load and body design, road conditions and topography, regenerative braking configuration and utilisation of electrical accessories. <sup>#</sup>Subject to conditions outlined in SEA Electric Warranty brochure. The SEA E4V models carry a standard factory warranty which covers the owner (i) for the entire vehicle, for the first 36 months or 100,000 km or 2,000 hrs (whichever comes first). (ii) against cab perforation corrosion, for 36 months and unlimited kilometres. Valid for three years from the date of new vehicle purchases. All SEA Electric warranties are subject to mandatory prescribed terms under Australian Consumer law including customer guarantees. For more warranty details visit the SEA Electric website.

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