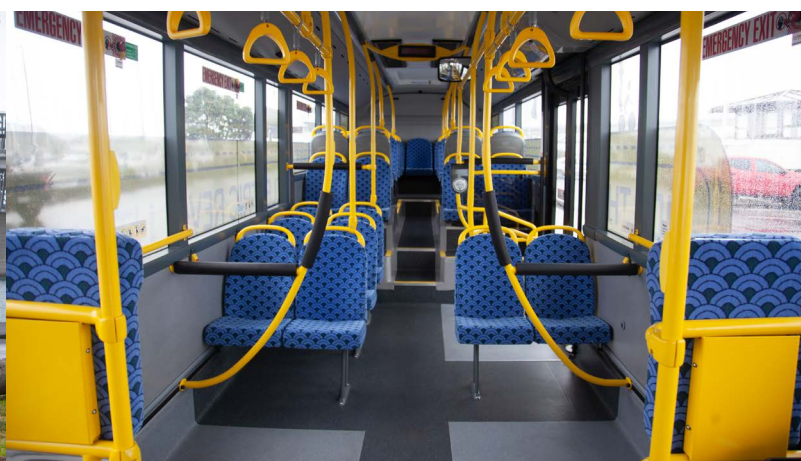




Enviro200EV XLB

BATTERY-ELECTRIC SINGLE DECK BUS

The Enviro200EV XLB brings together the outstanding design of Alexander Dennis and the proven battery technology of BYD to deliver a high-capacity electric bus for cities and bus operators in New Zealand, assembled locally by Kiwi Bus Builders. The zero-emission bus offers seamless acceleration for a gentle, smooth and quiet experience that all passengers will love. It retains all the class-leading features of the popular Enviro200, including excellent low-floor access, spacious interior and large windows.



Features and benefits

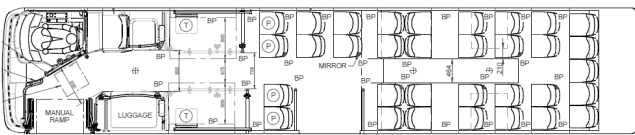
- Zero emission
- BYD technology proven in over 70,000 buses
- Assembled in New Zealand
- Meets requirements for urban buses (RUB)
- Up to 160 miles range on a single charge
- Up to 78 passengers with up to 36 seats
- Two wheelchair spaces
- Wide range of specification options



Technical specifications

| | |
|---------------------------|--|
| Construction | Welded steel chassis and aluminium body |
| Dimensions | 12.6m length / 5.47m + 1.5m wheelbases / 2.47m width / 3.4m height |
| Tyres | 275/70 R22.5 |
| GVW | 23,000kg design GVW, restricted to 20,500kg to meet New Zealand regulations |
| Passenger capacity | Up to 78 total passengers with up to 36 seats |
| Accessibility | Two wheelchair spaces accessed via manual ramp at front door |
| Electric motor | Two motors integrated in drive axle, max. power 2×150kW |
| Battery system | BYD lithium iron phosphate battery technology, 348kWh |
| Charging system | CCS Combo 2 inlets on both vehicle sides, max. charging power 120kW |
| Operational range | Up to 160 miles on a single charge, depending on duty cycle and operating conditions |
| Climate system | Full air conditioning with zero-emission heat pump for heating and cooling |

Sample seating layout



34 fixed seats, 2 tip-up seats + 2 wheelchair spaces