



ALEXANDER
DENNIS
BYD

BYD AD Enviro200EV

BATTERY-ELECTRIC SINGLE DECK BUS

The BYD–Alexander Dennis Enviro200EV is the pure electric, zero-emission single deck bus using the proven combination of BYD battery technology with stylish bodywork and interior by Alexander Dennis.

It is available in multiple lengths to Transport for London specification for routes in the British capital, as well as in operators and other authorities' individual specifications for service elsewhere in the UK and Ireland.



Features and benefits

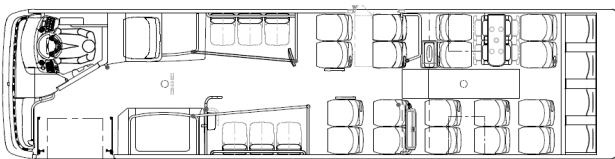
- Reliable BYD driveline and battery technology
- Adaptable Alexander Dennis body and interior
- Over 1,500 BYD–Alexander Dennis buses in UK and Ireland
- Technology proven in 70,000 buses worldwide
- Up to 160 miles range on a single charge
- Wide range of specification options



Technical specifications

Construction	Welded steel chassis and aluminium body
Dimensions	Choice of 9.6m, 10.2m, 10.9m, 11.6m and 12.0m length / 2.47m width / 3.4m height
Tyres	275/70 R22.5
Passenger capacity	Up to 80 passengers with up to 40 seats
Seating	Alexander Dennis SmartSeat or choice of other solutions
Accessibility	1 or 2 wheelchair spaces accessed via manual ramp at front door or electric ramp at centre door
Electric motors	Two BYD motors integrated in drive axle, max. power 2×90kW
Battery system	BYD lithium-iron-phosphate battery technology, 348kWh
Charging system	102kW DC plug charging
Operational range	Up to 160 miles on a single charge, depending on duty cycle and operating conditions
Climate system	Air conditioning with zero-emission heat pump for heating and cooling

Sample seating layout



10.2m length with 23 fixed + 6 tip-up seats, 1 table, 1 wheelchair space