

BYD ADL Enviro200EV



The **BYD ADL Enviro200EV** is the pure electric, zero emission single deck bus from BYD and Alexander Dennis. Using the proven combination of BYD battery technology with stylish bodywork and interior by Alexander Dennis, the BYD ADL Enviro200EV is designed by BYD's R&D Centre in Shenzhen, China and by Alexander Dennis in the United Kingdom, where it is bodied.

The BYD ADL Enviro200EV is available in four vehicle lengths to Transport for London (TfL) specification for routes in the capital, as well as in operators' individual specifications for service elsewhere.

Vehicle type	Pure electric, zero emission single deck bus
Construction	Welded steel chassis and aluminium body
Dimensions	9.6m, 10.2m, 10.9m or 11.6m length / 2.47m width / 3.4m height
GVW / UW	18700kg / 11000–12500kg, depending on configuration
Passenger capacity	Up to 80 total passengers with up to 40 seats
Accessibility	Wheelchair access with manual ramp at front door or electric ramp at centre door
Electric motors	Two motors integrated in drive axle, max. power 2×90kW
Battery system	BYD lithium iron phosphate battery technology
Charging system	BYD dual plug 2×40kW AC charging
Operational range	Up to 160 miles on a single charge, depending on duty cycle and operating conditions
Front axle	ZF RL82A
Drive axle	BYD EQ13
Tyres	275/70 R22.5
Steering	Bosch steering gear, electro-hydraulic power steering system
Climate system	Zero emission heat pump technology for heating and cooling