

BYD ADL Enviro400EV

United Kingdom & Ireland



The **BYD ADL Enviro400EV** is the pure electric, zero emission double 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 Enviro400EV is designed and built by BYD and Alexander Dennis in the United Kingdom.

Featuring the eye-catching City style bodywork with or without glazed staircase, the BYD ADL Enviro400EV is available 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 double deck bus
Construction	Welded steel chassis and aluminium body
Dimensions	Choice of 10.3m and 10.8m length / 2.55m width / choice of 4.2m and 4.3m height
GVW / UW	19200kg / approx 13300kg, depending on configuration
Passenger capacity	Up to 72 seats (43 in upper saloon, 29 in lower saloon)
Accessibility	1 or 2 wheelchair spaces, with manual ramp at front door or electric ramp at centre door
Electric motors	Two motors integrated in drive axle, max. power 2×150kW
Battery system	BYD lithium iron phosphate battery technology, 339kWh (10.3m) or 382kWh (10.8m)
Charging system	Choice of dual plug 2×40kW AC charging, 112kW DC charging and roof-mounted charging rails
Operational range	Up to 160 miles on a single charge, depending on duty cycle and operating conditions
Front axle	ZF RL82A
Drive axle	BYD EQ13B
Tyres	275/70 R22.5
Steering	Bosch steering gear, electro-hydraulic power steering system
Climate system	Forced air circulation with zero emission heat pump technology for heating and cooling