

ENVIRO400ER

United Kingdom & Ireland



The **Alexander Dennis Enviro400ER** offers geofenced Electric Range zero emission capability, making it an ideal solution for pollution hotspots in towns and cities. Based on proven BAE Systems series hybrid technology, the Enviro400ER provides an easy solution to meet local Ultra Low Emission Zones and zero emissions targets without an impact on daily operational range. Subject to route profile, the Enviro400ER can run for up to three miles in electric mode. Plug-in battery charging is optionally available.

The Enviro400ER is available with a wide range of specification options including the eye-catching City style body with its glazed staircase. Its interior is tailored to deliver a bespoke journey experience with a choice of passenger-centric features.

Vehicle type	Two-axle double deck extended range hybrid bus
Construction	Welded steel chassis and aluminium body
Dimensions	Choice of 10.3m and 11.0m length / 2.55m width / 4.3m height
GVW	18000kg
Passenger capacity	64 seats (10.3m) or 67 (11.0m) seats
Seats	ADL SmartSeat, options of Lazzerini, ISRI/Esteban and Ster seats
Accessibility	Wheelchair access with manual ramp at front door or electric ramp at centre door
Glazing	Choice of bonded glazing and Quick Release Glazing (QRG)
Heating and ventilation	Blown-air heating system with forced air ventilation, option of air chill
Hybrid system	BAE Systems Series-ER diesel-electric extended range series hybrid system
Diesel engine	Cummins B4.5 (4 cylinder, 4.5 litre, 157kW (210PS), Euro 6)
Electric motor	BAE Systems DDTM100 permanent magnet motor (195kW peak power, 2100Nm peak torque)
Energy storage system	32kWh lithium nickel manganese cobalt battery, option of external socket for DC plug charging
Fuel and AdBlue tanks	150l or 200l aluminium fuel tank and 25l plastic AdBlue tank
Front axle	Dana NDS80LF, drop centre, 55° lock angle
Drive axle	ZF AV133, drop centre