

Enviro100EV

The big small bus



The Alexander Dennis Enviro100EV is the battery-electric small bus that feels like a big bus, engineered with the same care and attention to durability and detail.

Part of the next generation of Alexander Dennis zero-emission buses, this reliable and efficient small bus has a future-proof battery system that allows you to benefit from improvements in battery technology.

The Enviro100EV is equally at home in town streets and country lanes and cuts a striking figure wherever it goes.

Features + benefits



Up to 26 seats

0.54kWh/km

Energy efficiency in UK Bus Cycle

up to **1.2GWh**

Warrantable energy throughput



AD24 whole-vehicle aftermarket support



Up to 15 years battery warranty

97%

Grid-to-wheel efficiency

Enviro100EV

Technical specifications

Dimensions

Length	8.5m
Width	2.35m
Height	3.12m
Headroom	2.29m
Wheelbase	4.5m
Overhang	2.4m front / 1.7m rear
Tyre size	245/70R17.5
Turning radius	8.6m

Capacity + seating

Number of seats	Up to 26 seats
Total capacity	Up to 45 passengers
Seat type	Lazzerini Pratico or choice of other suppliers
Accessibility	1 wheelchair space accessed via manual ramp at front door

Propulsion + mechanical

Electric motor	Driventic medium-duty Vehicle Electrical Drive System (VEDS MD)
Rated power	250kW peak and 230kW continuous power
Battery system	354kWh Impact NMC lithium-ion battery
Charging system	CCS2 DC plug charging with sockets mounted on either or both sides of the vehicle Optional roof-mounted rails for pantograph charging
Operational range	573km/356mi theoretical range in UK Bus Cycle at beginning of life
Climate system	Air-conditioning with zero-emission heat pump



Sample seating layout

- 20 fixed seats
- 6 tip-up seats
- 1 wheelchair space

