

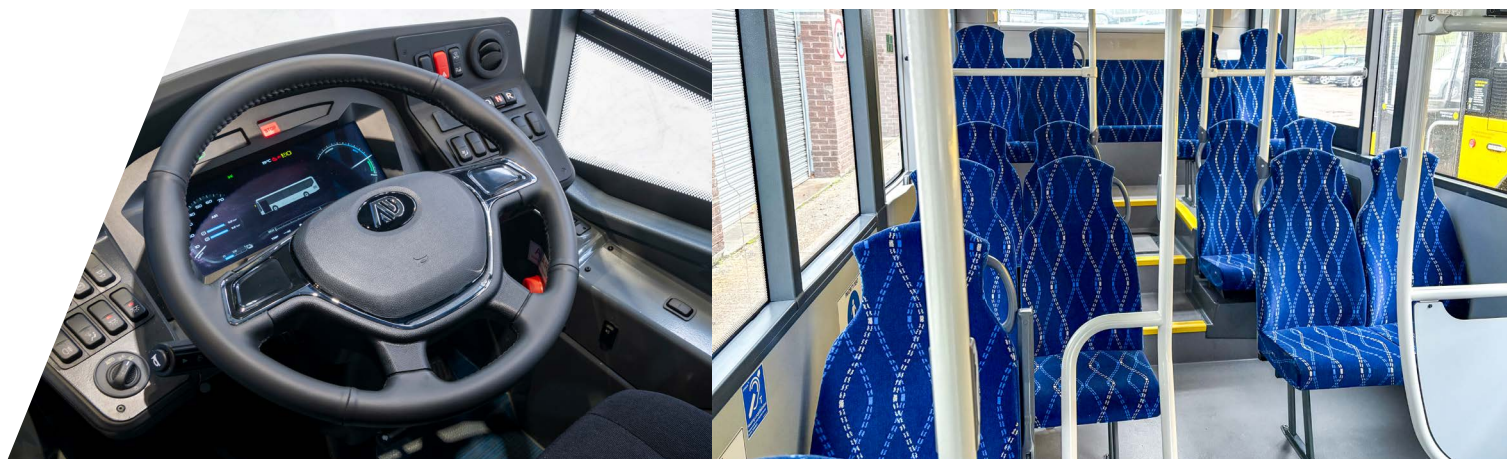


Enviro100EV

THE BIG SMALL BUS

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

The Enviro100EV is now available from stock. Equally at home in town streets and country lanes, it offers best-in-class energy efficiency over the UK Bus Cycle alongside a 97% grid-to-wheel efficiency. 1.2GWh warrantable energy throughput ensures a long service life without the need for battery replacement.



Features and benefits

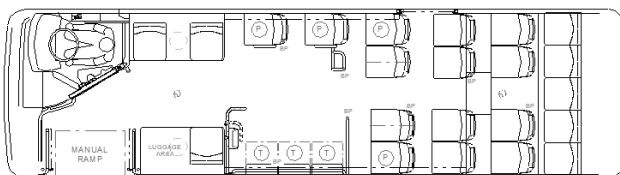
- 50% more battery capacity than others
- Narrow body and short overhangs for manoeuvrability and reduced damage
- Passenger capacity of 45 without compromise in seating capacity at shorter length
- Spacious interior with excellent accessibility
- Enhanced active and passive safety
- AD24 whole-vehicle aftermarket support and AD Connect telematics



Technical specifications

Dimensions	8.5m length / 4.5m wheelbase / 8.6m turning radius / 2.35m width / 3.1m height
Gross plated weight	12250kg
Passenger capacity	Up to 45 passengers with 25 Lazzerini Pratico seats
Wheelchair accessibility	1 wheelchair space accessed via manual ramp at front door
Information accessibility	White Hanover LED destination displays, pre-wired for hearing loops and audio-visual next-stop announcements
Dashboard	Latest Alexander Dennis steering wheel and electronic dashboard
Electric motor	Voith Electrical Drive System MD, 250kW peak and 230kW continuous power
Battery system	354kWh Impact NMC lithium-ion battery
Charging system	Offside CCS2 DC plug charging at up to 150kW nominal power
Operational range	573km/356mi theoretical range in UK Bus Cycle at beginning of life
Climate system	Air conditioning with zero-emission heat pump
Tyres	245/70 R17.5

Sample seating layout



22 fixed seats, 3 tip-up seats + 1 wheelchair space