



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. Part of the next generation of Alexander Dennis zero-emission buses, this reliable and efficient midibus 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 and benefits

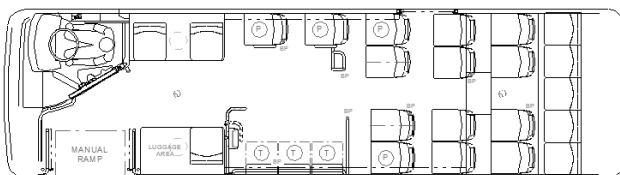
- Designed and built by Alexander Dennis
- AD24 whole-vehicle aftermarket support
- Next-generation electric driveline
- Future-proof Alexander Dennis battery system
- Up to 285 miles range on a single charge
- Opportunity charging to extend range
- Enhanced active and passive safety
- Wide range of specification options



Technical specifications

Construction	Welded steel chassis and stainless steel body
Dimensions	8.5m length / 4.5m wheelbase / 2.35m width / 3.1m height
Tyres	245/70 R17.5
Passenger capacity	Up to 45 passengers with up to 25 seats
Seating	Alexander Dennis SmartSeat or choice of other solutions
Accessibility	1 wheelchair space accessed via manual or electric ramp at front door
Electric motor	Voith Electrical Drive System MD, 260kW peak and 230kW continuous power
Battery system	Alexander Dennis NMC lithium-ion battery, 236kWh or 354kWh
Charging system	Dual-sided CCS2 DC charging at up to 150kW, optional roof-mounted charging rails for 300kW opportunity charging via pantograph
Operational range	Up to 190 miles (236kWh battery) or 285 miles (354kWh battery) range on a single charge at beginning of life
Climate system	Zero-emission heat pump capable of heating and cooling

Sample seating layout



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