



# 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, subdivisions and country lanes and cuts a striking figure wherever it goes.





## Features and benefits

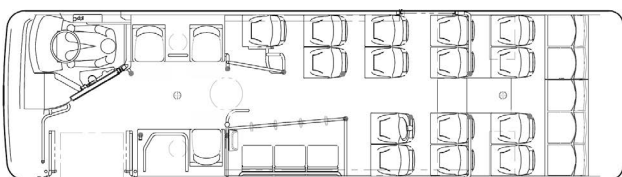
- Designed and built by Alexander Dennis
- AD24 whole-vehicle aftermarket support
- Up to 400km range on a single charge
- Lowest band of Road User Charges with 354kWh version at <12,000kg GVM
- Fully compliant to UN ECE Regulation 100.2
- Unique front design with AVAS for vulnerable road users



## Technical specifications

<b>Construction</b>	Welded steel chassis and stainless steel body
<b>Dimensions</b>	8.5m length / 4.5m wheelbase / 2.35m width / 3.1m height
<b>Manoeuvrability</b>	8.6m turning radius
<b>Tyres</b>	245/70 R17.5
<b>Passenger capacity</b>	Up to 43 passengers with up to 26 seats
<b>Accessibility</b>	1 wheelchair space accessed via manual ramp at front door
<b>Electric motor</b>	Voith Electrical Drive System MD, 250kW peak and 230kW continuous power
<b>Battery system</b>	Impact NMC lithium-ion battery, 236kWh or 354kWh
<b>Charging system</b>	CCS2 DC plug charging at up to 118kW (236kWh battery) or 150kW (354kWh battery) nominal power with sockets mounted on either or both sides of the vehicle, optional roof-mounted rails for pantograph charging at up to 118kW (236kWh battery) or 177kW (354kWh battery)
<b>Operational range</b>	Up to 290km (236kWh battery) or 400km (354kWh battery) range on a single charge at beginning of life
<b>Climate system</b>	Zero-emission heat pump capable of heating and cooling

## Sample seating layout



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