

Enviro200EV

The all-rounder



The Alexander Dennis Enviro200EV is the battery-electric single decker that has been engineered for efficient bus operation in the UK.

With a lightweight design saving two tonnes against other buses of similar length, the next-generation Enviro200EV delivers better energy efficiency to reduce your electricity bill.

It is available in multiple vehicle lengths to suit operational requirements.

Shorter, narrower and lower than competing products, the new Enviro200EV nevertheless offers more seats and easy accessibility for all passengers.

Features + benefits



Two tonnes lighter than similar buses



Fully built in Britain



Up to 15 years battery warranty



Up to 2 extra seats



AD24 whole-vehicle aftermarket support

97%

Grid-to-wheel efficiency

Enviro200EV

Technical specifications

Dimensions + weights

Length	9.9m, 10.9m or 11.7m
Width	2.47m
Height	3.22m
Headroom	2.47m
Wheelbase	4.6m, 5.6m or 6.4m
Overhang	2.6m front / 2.7m rear
Turning radius	8.6m, 9.9m or 11.1m
Tyre size	285/70R19.5
Unladen weight	10,900–11,500kg, depending on specification
Gross vehicle weight	17,200kg

Seats + passengers

Number of seats	Up to 33 seats (9.9m), up to 39 seats (10.9m) or up to 43 seats (11.7m)
Total capacity	Up to 73 passengers (9.9m), up to 84 passengers (10.9m) or up to 92 passengers (11.7m), depending on specification
Seat type	Lazzerini Pratico or choice of other suppliers
Accessibility	1 or 2 wheelchair spaces accessed via manual ramp at front door
Climate system	Air-conditioning with zero-emission heat pump

Driveline

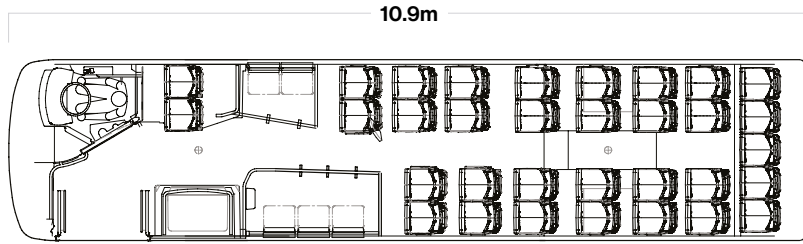
Electric motor	Driventic medium or heavy-duty Vehicle Electrical Drive System (VEDS MD/VEDS HD)
Rated power	250kW peak and 230kW continuous power (VEDS MD) or 410kW peak and 310kW continuous power (VEDS HD)
Battery system	400kWh CATL LFP lithium-ion battery
Charging system	CCS2 DC plug charging with sockets mounted on either or both sides of the vehicle Optional roof-mounted rails for pantograph charging
Operational range	Estimated 567–662km/352–411mi theoretical range in UK Bus Cycle at beginning of life



Sample seating layouts

10.9m length

- 33 fixed seats
- 5 tip-up seats
- 1 wheelchair space



11.7m length

- 35 fixed seats
- 6 tip-up seats
- 2 wheelchair spaces

