

EURO BUS *Diamond*

12m Electric Bus

Technical Datasheet



CONTEMPORARY DESIGN



EUROBUS Diamond - 12m Electric

M3 - Class I – Low floor

GENERAL DIMENSIONS

Length	12070 mm
Width	2520 mm
Height	3317 mm

DOORS

Access Doors	3
Door Width of Each Door	1200 mm

TRANSPORT CAPACITY

Total Passenger Capacity	≤ 91 (+1 driver)
Passenger seats (+2 foldable seats)	≤ 29 (+1 driver)
Standing places	62

MASS

Kerb Weight	~ 12.700 kg
Gross Vehicle Weight (GVW)	19.000 kg

BATTERY

Producer / Brand	CATL
Type	Lithium Ion
Capacity	≤385 kWh
Charging	Plug-In - slow & fast CCS (Combo 2, Type 2)

ELECTRIC MOTOR

Brand/Type	Dana TM4 / Synchronous
Rated Power	≤ 195 kW
Maximum Net Power	≤ 350 kW
Maximum Torque	≤ 3500 Nm
Braking Energy Recovery	Yes

SUSPENSION

Integral Pneumatic (WABCO)	ECAS Kneeling System
Front Axle (ZF)	2 air bellows, 2 shock absorbers
Rear Axle (ZF)	4 air bellows, 4 shock absorbers

PERFORMANCE

Range (Urban)	≥ 300 km
Maximum Speed (adjustable)	≤ 100 km/h

BRAKING

Front Axle (WABCO)	EBS/ABS
Rear Axle (WABCO)	EBS (ABS/ASR)

TYRES

Tyres Front / Rear Axle	275/70R22.5 tubeless
Rims Front / Rear Axle	8.25*22.5

OTHER SPECIFICATIONS

Body	Aluminum or Stainless Steel Cataphoresis or Stainless Steel
Chassis	Steel
Wheelchair Access	Manual ramp (central door)
Independent Heating	Electric convectors
Air condition	Valeo – 30 kW



Factory & Showroom:

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