

e-CENTRO C

electric DRIVE



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Compact



Great manoeuvrability



Zero emissions



Minimal noise level



ASR

EBS



Length 6.6 m - Width 2.45 m



Electric



Up to 32 passengers

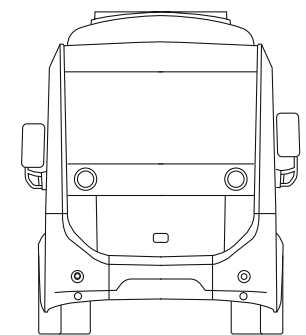
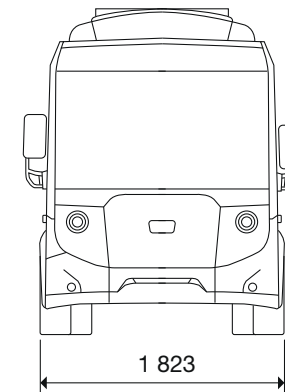
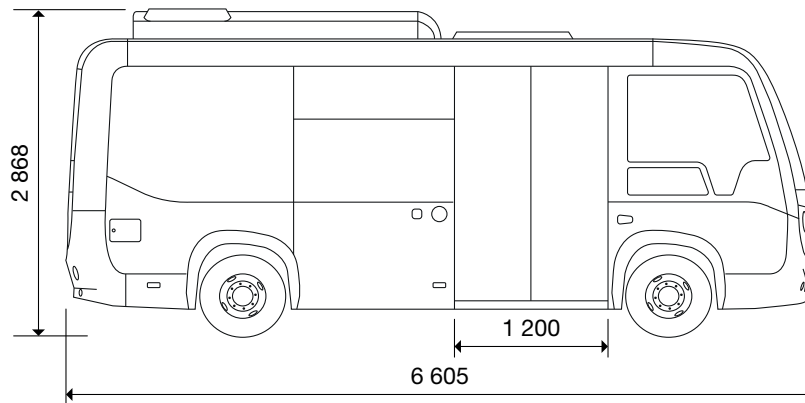


200 kW



Up to 110 kWh (55 kWh x 2)

Low floor



Technical specifications

Electric motor

DANA TM4	Coolant system Permanent magnet synchronous
Maximum output / 30 minutes of constant output	200 kW / 100 kW
Maximum torque	1200 Nm Max
Nominal AC voltage	300-750 VDC
Maximum current	350 A DC
Maximum speed	3 750 rpm

Batteries

Type	Li-ion / NMC
Complies with standard UN ECE R100 rev 2	Yes
Number of batteries	2 packs
Capacity	110 kWh (55 kWh x 2)
Number of cells	48 units (24 x 2)
Battery cooling	Yes

Charging system

Type	Depot charging
Maximum charging power	90 kWh - 3 x 400 V / 50 Hz
Charging technology	Direct or alternating current
Socket	Combo CCS Type 2
Socket location	Exterior, rear right-hand side
Average charging time	1.5 hours (120 kW charging station output required)

Axles

Front axle	OTOKAR
Rear axle	QINGDAO QINGTE

Suspensions

Front	2 bellows + 2 shock absorbers 1 levelling sensors
Rear	2 bellows + 2 shock absorbers + 2 parabolic springs + 2 levelling sensors

Safety

EBS	Electronic Brake System
Type	Pneumatic, double circuit
Front/Rear	Discs, ABS, ASR, EBS, ESP, ESC
Parking brake	Pneumatic, applied to the rear axle
Secondary brakes	Regeneration
% of energy recovery	Up to 25%

Electrical system

Batteries	60 A h 24 V
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Tyres

Front/Rear	235/65 R16C (Front) 205/75 R16C (Rear)
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Safety equipment

Parking aid	Reversing alarm
Pedestrian audible warning	Option: AVAS (Acoustic Vehicle Alerting System)

Structure

Chassis	Monocoque with cataphoretic coating and aluminium sides
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Heating and air conditioning

Air conditioning	17.4 kW cooling + 16.2 kW heating with numerically controlled heat pump
Heating	Frontbox 5 kW

Door

Central	Double leaf, outward swinging
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Steering system

Electrohydraulic LHD





Dimensions

Length (mm)	6 605
Width (mm)	2 453
Maximum height with air conditioning (mm)	2 900 (max)
Wheelbase	3 750
Turning circle (kerb/wall) (m)	6.6 / 7.3
Front overhang (mm)	1 281
Rear overhang (mm)	1 574
Front track width (mm)	1 823
Rear track width (mm)	1 693
Inner height (mm)	1 900

Weight

GVW (kg)	7 000 kg
Maximum capacity of front axle (kg)	3 000 kg
Maximum capacity of rear axle (kg)	4 000 kg
Unladen weight with 1 battery pack	4 700 kg

Capacity 7 000 kg

						
110 kWh 2 battery packs	10	2	18	1	-	1
	10	6	16	-	-	1
	11	2	17	1	-	1
	11	6	15	-	-	1

Other layouts available on request