

Electric range

e-CENTRO C . e-KENT C

Otokar



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YOUR PARTNER TO TAKE YOU FAR

e-KENT C

electric DRIVE

12 m



-  100% electric
-  Zero emissions
-  Minimal noise level
-   



Length 12.00 m - Width 2.54 m



Electric



Up to 108 passengers

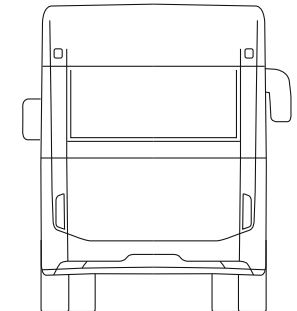
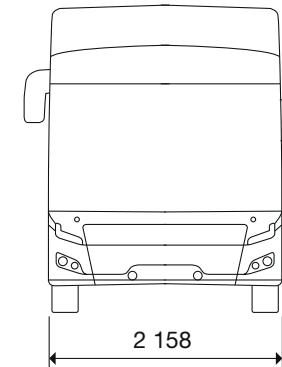
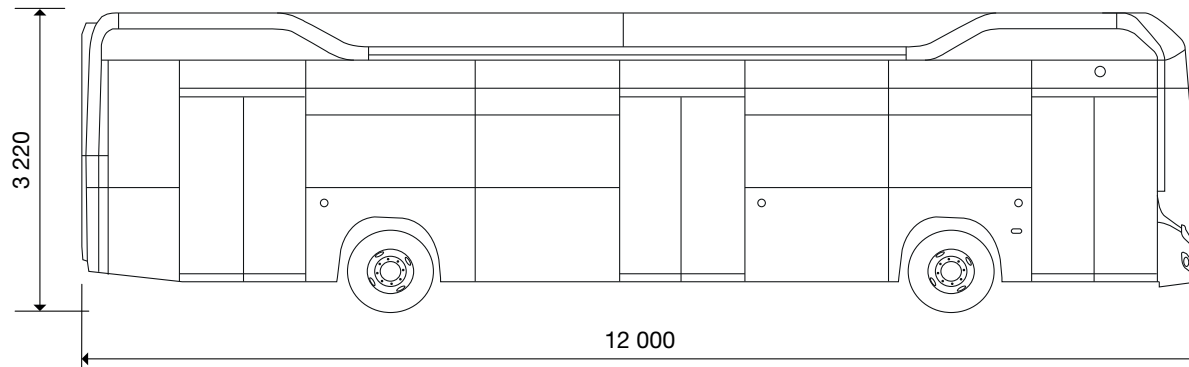


410 kW



Up to 350 kWh

Low floor



Technical specifications

Electrical drive system

Voith IPSM	Coolant system Permanent magnet synchronous
Maximum output / 30 minutes of constant output	410 kW / 310 kW
Maximum torque	3 100 Nm Max
Nominal AC voltage	800 V
Maximum current	800 A
Maximum speed	3 800 rpm

Batteries

Type	Li-ion / NMC
Complies with standard UN ECE R100 rev 2	Yes
Number of batteries	10 packs
Capacity	350 kWh (Options 210 or 280 kWh)
Number of cells	192 units
Battery cooling	Yes

Charging system

Type	Depot charging
Maximum charging power	150 kW
Charging technology	Direct current
Socket	Combo CCS Type2
Socket location	Exterior, rear right-hand side
Average charging time	4 hours (100-150 kW charging station output required)

Axles

Front axle	ZF RL 82 EC
Rear axle	ZF AV 133/80

Suspensions

Front	2 bellows + 2 shock absorbers 1 levelling sensors
Rear	4 bellows + 4 shock absorbers 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	225 AH 12 V
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Tyres

Front/Rear	275 / 70 R22.5
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Safety equipment

Driving aids	Parking radars - Reversing camera
Fire detection	Battery fire detection and alert system
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	30 kW cooling + 19 kW heating with numerically controlled heat pump
Heating	Frontbox + 2 passenger compartment heaters
Auxiliary heating	20 kW electric water heater

Doors

Front	Double swing, inward swinging, pneumatic (option: electric)
Central	Double swing, inward swinging, pneumatic (option: electric)
Rear	Double swing, sliding, pneumatic (option: electric)

Steering system

	Electrohydraulic LHD
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Dimensions

Length (mm)	12 000
Width (mm)	2 540
Maximum height with air conditioning (mm)	3 220 (max)
Wheelbase	5 900
Turning circle (kerb/wall) (m)	11 600
Front overhang (mm)	2 700
Rear overhang (mm)	3 400
Inner height (mm)	2 358

Weight

GVW (kg)	20 500 kg
Maximum capacity of front axle (kg)	8 000 kg
Maximum capacity of rear axle (kg)	13 000 kg

Capacity 7 000 kg

						
210 kWh 6 battery packs	27	-	72	1	-	1
210 kWh 6 battery packs	27	-	81	-	-	1
280 kWh 8 battery packs	27	-	70	1	-	1
280 kWh 8 battery packs	27	-	74	-	-	1
350 kWh 10 battery packs	27	-	61	1	-	1
350 kWh 10 battery packs	27	-	65	-	-	1

Other layouts available on request