


ECITY L08

8 meter electric city bus



Characteristic	Value
Length	8.190 mm
Length	2.350 mm
Height	3.320 mm
Step	4.100 mm
Front / rear overhang	2.270/1.820 mm
Front / rear track	1.966/2.000 mm
Approach / escape angle	9° / 9°
Minimum turning diameter	16.400 mm
Maximum climbable slope	≥ 20 %
G.V.W.	13.7 t
Number of passengers	66 without wheelchair
Access threshold height	325/325 mm
Clear door light	800/1.200 mm
Normative	 ECE R107

Characteristic	Value
Engine type	Permanent magnet synchronous motor
Engine model	ECAR TZ366XS-EC50A
Maximum power	165 kW
Maximum torque	1.700 Nm
Cooling	Liquid
Battery type	Lithium Iron Phosphate (LiFePO4)
Battery model	CATL 229.05kWh 228Ah
Energy capacity	229 kWh
Charging cycles	≥ 3.000
Charging time	~ 4 h with 60 kW charger
Storage battery charger model	60 kW DC EC Trifase AC 400V ± 15%
Operating temperature	Yes -20° C to +55° C
Charging connector	CCS (combo 2)
SORT 1 Autonomy	> 250 Km
Auxiliary batteries	2 x 180 Ah
Maximum speed	70 km/h with limiter

Technical specifications vary according to countries, national regulations and customer requests.

Skeleton

Monocoque structure.
Reinforced lateral structure to protect against lateral impacts.
Cathaphoresis anti-corrosion treatment.

Internal setup

Non-slip PVC floor covering.
Internal linings in ABS.
Plastic-coated steel or stainless steel handrails (optional).

Door

2 double, pneumatic equipped with anti-crushing devices.
Sliding rear door (optional).
Rear door equipped with manually operated folding ramp.

Devices

Camera for reversing maneuvers and 2nd door control with monitor in the driver's seat.
Electronic remote control system on the status of the traction batteries.
DOMINO Aerosol fire prevention system.
Route indicators: front, side and rear (optional).
Internal video surveillance system (optional).

Glazing

Laminated windshield.
Side windows with single glass that open above the Vasisstass.
Sliding driver's seat side window.
Rear window.

Driver's seat

Full-height protective side wall.
Ergonomic arrangement of control devices.
GRAMMER driver's seat, model MSG90.6PG, pneumatic with three-point seat belt, longitudinal and height adjustment, reclining and equipped with armrest.
Sunblinds on the left side of the windscreen and on the driver's side window.
External rear-view mirrors heated and electrically adjustable from the driver's seat.

Chassis

GK BFA 50l independent front axle.
GK BRA 81 rear axle.
Gear ratio 5.73.
Idroguida ZF THP-90632.
Pneumatic suspension with electronically controlled suspension (ECAS-Wabco), kneeling and vehicle lifting and lowering device. This solution automatically adjusts the optimal set-up of the vehicle with air suspension according to the various road surface conditions.
KTC Compact 2-BUS pneumatic system compressor.

Brakes

Pneumatic system.
KNORR disc brakes on both the front and rear axles.
EBS3 Wabco
Braking energy recovery device.

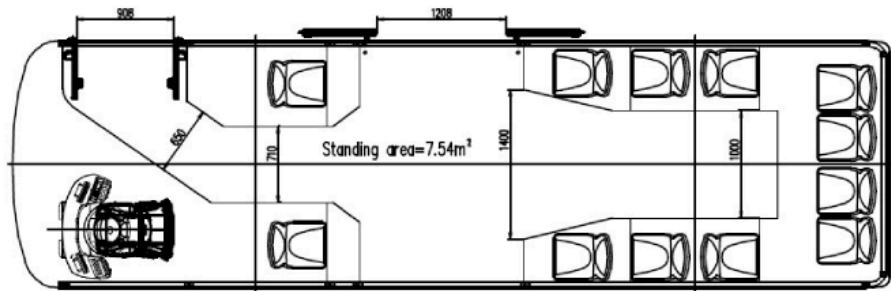
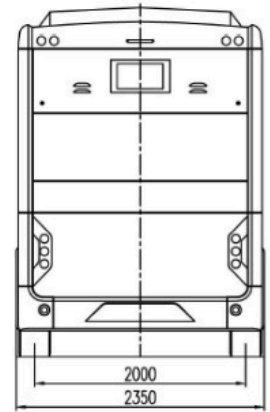
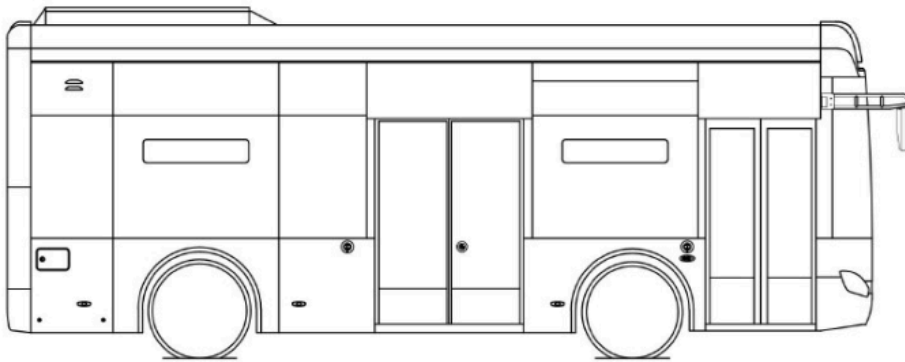
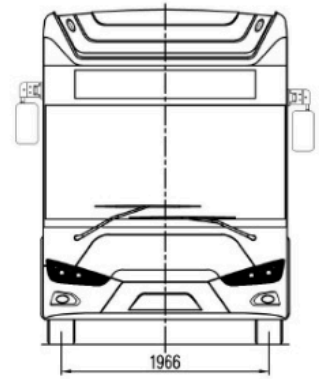
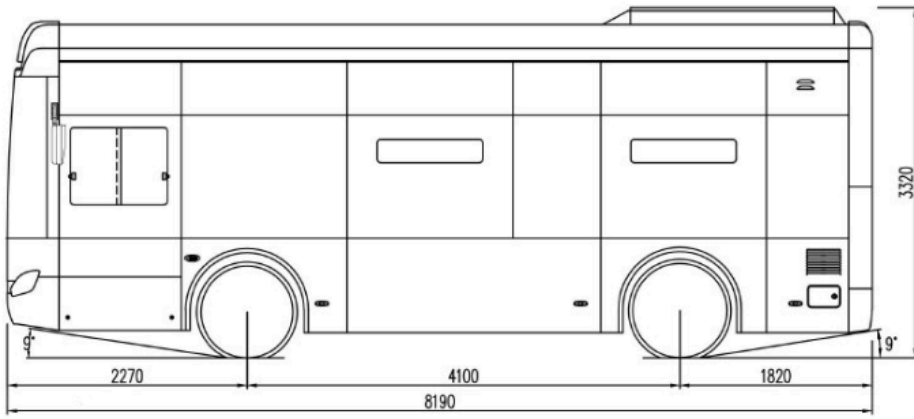
Michelin tyres

Front 255/70 R 22.5 single.
Rear 315/60 R 22.5 single.
Lighting
Front fog lights.
External LED lights.
Internal LED lighting.

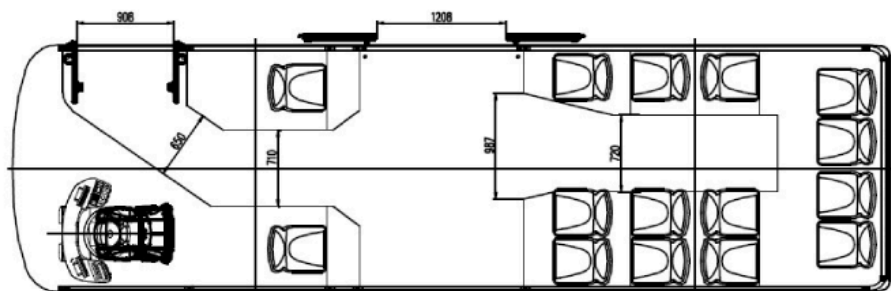
Air conditioning

Independently controlled air conditioning system in the passenger compartment (Songz) and driver's seat (Valeo-Spheros).
Automatic climate control system for traction battery packs.
Additional electric heater (optional).

ALFABUS EUROPA reserves the right to change specifications at any time and without notice.



12	54	0
12	50	1



15	51	0
15	47	1



For any questions about our products or for customized solutions, do not hesitate to contact us.

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