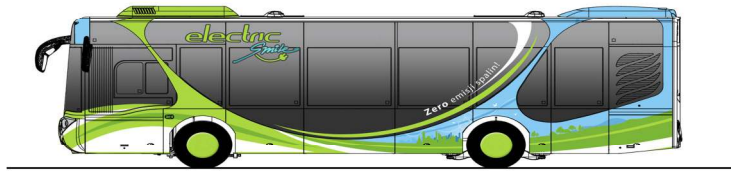




ELECTRIC BUS

LBUS

electric
Smile



Basic data	CS10E
Total capacity	83 + 1
Seats	24+1
Standing	59
Kerb weight with AC	10500kg
GVM	18000kg
Wheel base	4700mm
Front/rear overhang	2300/3000
Dimensions	10000/2550/3100 mm
Approach/departure angle	7/7 °
Doors set up	1-2-2

Traction motor TAM 1052C6B power 120 kW;
Total energy of battery cells 230kWh, range about 240km.

Fast charging up to 1h at a current 250A
Slow charging up to 8h + about 1h for balancing of cells.
Emergency charging (when battery is completely discharged) up to 10h.

- front axle ZF RL75 EC (independent)
- driving rear portal axle ZF AVN 132/80
- front suspension: 2 bellows and 2 dampers
- rear suspension: 4 bellows and 4 dampers
- ECAS II control unit with kneeling function (approx. 80 mm)
- Wheels 275/70 R22,5
- Steering gear: power steering ZF 8098 (hydraulic)
- Knorr brakes - dual-circuit braking system; disc brakes on both axles
- EBS and ASR systems, control of chocks expenditure
- 24 V Can-BUS electronics system, batteries 2 x 225 Ah



BODY

Entirely low floor, made of Stainless Steel (1.4003), each entrance at a height of 320 mm

Manually attached ramp for the handicapped in second doors (electric ramp optional)

Exterior covering:
DIBOND panels, single side windows (double optional)

Interior covering:

- side walls - laminate
- ceiling - laminate





ADDITIONAL INFORMATION

Waterproof floor, plywood of 12 mm gauge, covered with firm polyurethane anti-slippery spray lining of grey color (washable mechanically), yellow color on the floor in entrance. Doors opened inwards or plug-sliding pneumatic doors with "reverse" function; doors locked automatically at the velocity of 3 km/h, active width of all doors min. 1200 mm.

The vehicle is equipped with a specially designed systems, heating / cooling, both the passenger, thus providing comfortable travel, as well as driving elements (batteries, motor) providing them with the best working conditions, and hence a longer lifetime. In addition to the electrical system of the vehicle is used for heating, there is also the oil heater for more efficient heating of the passenger compartment at low temperatures.

The asynchronous traction motor is located in the longitudinal axis of the vehicle behind the driving axle (T-drive) or on the left in the vehicle's side.

The storage battery is partially placed in the rear part of the bodywork (behind the rear axle), partially on the sides of the vehicle under passenger seats.

An independent diesel oil heating is used for the heating of the vehicle.



Contacts

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