



AUTOSAN

SANCITY 12LFE

NEW POLISH LOW-FLOOR ELECTRIC BUS

intended for city passenger traffic.





CHASSIS

A three-dimensional stainless steel lattice frame integrated with a co-working framework of the body.

Driveline

Engine: TM4, located at the rear of the bus behind the axle, synchronous with power up to 235 kW, with recuperation.

Energy storage

Lithium-ion batteries NMC BMZ Poland, capacity 232 kWh, installed on the roof and rear overhang.

Charging

Plug in, socket CCS Combo 2, placed behind III door on the right side of the vehicle. DC or AC electric charging thanks to the charger installed in the bus.

Axes and wheels

Rear axle: ZF.
Front axle: ZF, independent wheel suspension.
Driving wheels: tires 275/70 R22,5.

ECAS kneeling system

Brakes

Service brake: pneumatically controlled, disc-type, with EBS system.
Parking brake: manual with spring actuator, acting on rear wheels.

Electrical system

24V, CAN, KIBES 32 system, batteries: 2 x 225 Ah.

BODY

The construction of the body is made of stainless steel rectangular tubes welded together. The outside paneling made of aluminium (sub-window-belt) and GRP panels (front and back walls, roof), bonded to the framework. Side flaps made of aluminium.

Heating

Hybrid (elektro – fuel). Water aggregate combined with convectors and heaters, using waste heat from the engine cooling system and power equipment.

Ventilation

Electrically controlled roof hatches and slidable windows, ventilation unit in the front wall and electric fans (exhaust and blowing) in the roof.

Air-conditioning of the passenger space

Passenger doors

Door system 2-2-2. Double-leaf, opening inwards.

Outside mirrors

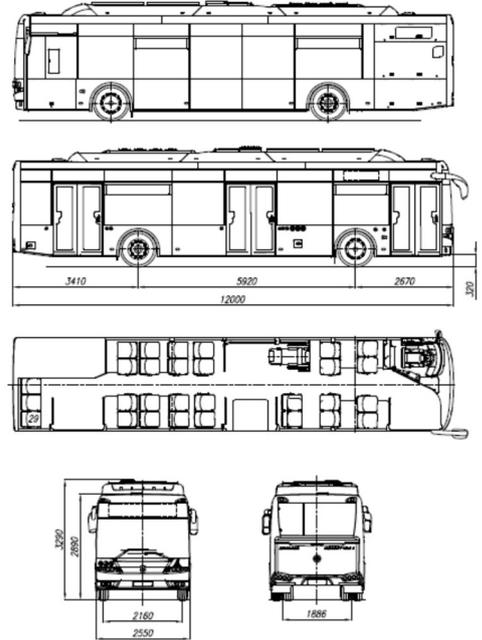
Electrically controlled, heated.

INTERIOR

Passenger capacity: seats 26 - 40, total up to 85.
Passenger seats made of plastic with soft upholstery.
Floor covered with a non-skid lining.
Ceiling and sidewalls trimmed with laminated panels.
Half-closed type driver's cabin with door and FAP MVP console.
Big platform opposite middle door for standing passengers and a wheelchair.
Manually operated entry platform for wheelchair in the middle door.
Handrails powder painted.

OPTIONAL EQUIPMENT

- Front axle: ZF, rigid
- Air-conditioning of the driver's cabin
- Driver's seat electrically heated
- Tilt windows
- Glued windshield, made of multi-layer glass, divided vertically
- Outside paneling divided vertically and horizontally
- Chrome-nickel handrails
- Central lubrication system
- Tires pressure and temperature monitoring system
- Automatic detection and fire-fighting
- Intelligent speed limiter
- Voice announcement system
- Passenger counting system
- CCTV, Ticket vending machine
- Cash register stand



* We reserve the right to make changes due to technical progress.
* Photos and drawings from the folder may contain additional items, not included in standard equipment.

Official distributor:
Waryński Trade Sp. z o.o.
ul. Trakt Brzeski 118, 05-077 Warszawa
tel: +48 22 632-11-64
e-mail: kontakt@autosan-distribution.com
www.autosan-distribution.com



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