

LOW FLOOR, FULLY ELECTRIC POWERTRAIN

SCANIA CITYWIDE

FOR URBAN TRANSPORT OPERATIONS

Based on more than a century of engineering experience, the new generation of Scania Citywide has been developed to meet the demands of today's and tomorrow's cities. Energy efficient, available in a wide range of powertrains and designed to boost the appeal of public transport, offers the latest technology in everything from safety systems to reduced emission and noise levels. And through excellent uptime, fuel efficiency and high passenger capacity, the new Scania Citywide allows sustainable mobility to go hand-in-hand with operating economy.

- **Fully electric**, with a battery capacity to cover almost any city route and offers fast-charging (in-route or at depot), making it perfectly suited for operations with demands on high passenger capacity and maximised uptime.
- **The design and quality materials** used help minimise noise levels within the bus, and create a bright, spacious and welcoming passenger environment. To further increase the appeal of public transport, the bus also has a contemporary minimalistic exterior design.



General

Wheel configuration: 2-axle

Door configuration: 2-2-2

Dimensions

Length:
12.0 m

Width:
2.55 m

Height:
3.27 m (fully electric)

Passenger area

Total capacity: 32 seated, 46 standing, 1 wheelchair

Seating: Ster BMS, priority seats with folding armrest, location for wheelchair or pram, folding seats

Equipment: Luggage rack, camera surveillance, infotainment system (WiFi), interior LED

Driver area

Seating: Heated driver seat ISRI

Instrument panel: Adjustable

Support systems: Scania Driver Support, electro-pneumatic parking brake, adaptive cruise control (ACC), vulnerable road user collision warning, blind spot warning

Equipment: Audio system, announcement system

Destination signs

Placement: LED destination sign in front, side and rear

Climate system

Heating and cooling: Convector circuit passenger area, auxiliary heater (diesel or biodiesel), defroster, combined air conditioning for the driver, temperature controlled ventilation and AC for passengers

Powertrain - Fully electric

E-machine:

300 kW (peak), torque 2100 Nm
250 kW (continuous)

Gearbox: 2-speed to optimise energy consumption

Battery capacity:

254 kW 8 battery packs (4 in rear and 4 on the roof), Lithium-Ion (NMC)

Charging options:

In-route (pantograph charging): Up to 300 kW
Depot (CCS type 2): DC up to 150 kW

Electrical system

Equipment: Bi-LED headlights, LED daytime running, position and indication lights, LED side and rear lights
Battery 230 Ah
Alternator 2x180 Ah

Brake and safety equipment

Equipment: Disc brakes, electronic brake system (EBS), anti-lock brake system (ABS), traction control (TC), integrated retarder, bus stop brake, rear view camera, hill hold, fire extinguishing equipment in the engine compartment

Suspension and wheels

Front suspension: Independent

Tyres: 315/60 (front) and 275/70 (rear)

Rims: Steel

Doors and windows

Optional: Tinted windows, double glazed side windows, double doors, inswing

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