

BLUEBUS 12 M

TECHNICAL SPECIFICATIONS



© Pascal Léopold



12 meters
overall
length



BATTERIES
LMP®
(Lithium
Metal
Polymer)



100%
electric



UP TO
320 KM*
electrical
range



MAX.
109
passengers



4
ground
clearance
positions



ORIGINE
FRANCE
GARANTIE

BVConc. 7/10/95

bluebur

100% electric, 100% safe

DIMENSIONS AND WEIGHT

Length	12 070 mm
Width (without mirrors)	2 550 mm
Overall height	3 291 mm
Gross Vehicle Weight	20 000 kg
Turning radius between sidewalks	8 600 mm

ACCESSIBILITY

Up to 109 passengers	Wheelchair access door 2 Floor leveling at sidewalk height (on driver's action)
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DRIVER AREA

Ergonomic driver's cab according to EBSF standard, swivel driver's seat, dashboard with color LCD screen, built-in-left-hand desk, adjustable heating independently of the passenger space...

PERFORMANCE

Autonomy	Up to 320 km*
Max. speed	70 km/h
Batteries LMP® (Lithium Metal Polymer)	Onboard energy up to 441 kWh

Battery features

Security and technological risk	Solid-state battery
Weight	450 kg
Nominal voltage	600 V
Internal temperature	60 to 80°C
Operating temperature	- 30 °C to +65°C

CHARGING SYSTEM

5 hour charging at depot with one charging station (DC/standard Combo CCS)

POWERTRAIN

Synchronous central electric motor with permanent magnets
Motor powered by AC, Inverter powered by 650 V DC
Nominal power 160 kW

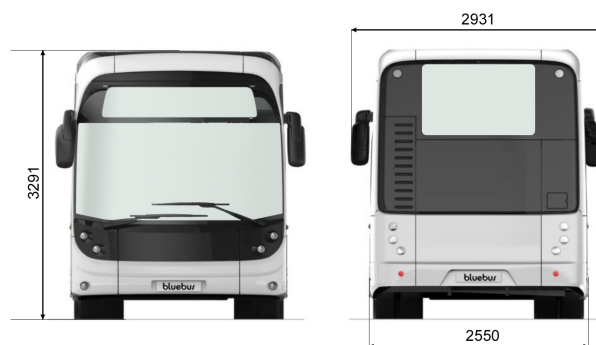
CHASSIS AND SUSPENSION SYSTEM

Type of front axle	ZF RL82EC
Type of rear axle	ZF AV133
Maximum permissible load on the front axle	7 500 kg
Maximum permissible load on the rear axle	13 000 kg
Size of front / rear tyres	275/70R22.5
4 ground clearance positions	normal, high with speed limited to 15 km/h, low or inclined to the right (kneeling) at zero speed
Braking	Electro-pneumatic regenerative braking system with electronic optimization Energy recovery during deceleration (exclusive Bluebus system)

INTEGRATED OPTIONS UPON REQUEST

Interior and exterior customization (colors, fabrics, floors and seats), operating options (CCTV, ticketing, indoor and outdoor displays, billboards ...)

Thermal comfort: hybrid heating, 100% electric, driver air conditioning, passengers...



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Contact us :

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