

# BLUEBUS 12 M

## TECHNICAL SPECIFICATIONS



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  
BV Cert. 7110965

# bluebus

100% electric, 100% safe

## DIMENSIONS AND WEIGHT

Length	12 068 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
Overhang	Front : 2 713 mm / Back : 3 430 mm
Wheelbase	5 925 mm

## ACCESSIBILITY

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

## DRIVER AREA

Ergonomic driver's cab compliant to EBSF standard, heated and ventilated driver's seat, mobile dashboard desk with comfort controls on the left and operating controls on the right. Color screen, customizable left side desk, heating and air-conditioning independent from the passenger area.

## PERFORMANCE

Autonomy	Up to 320 km*
Max. speed	70 km/h
Batteries LMP® (Lithium Metal Polymer)	Onboard energy up to 441 kWh
<b>Battery features</b>	
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 hours charging at depot with an external 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  
 Peak power 230 kW / Torque max. 3 000 Nm

## CHASSIS AND SUSPENSION SYSTEM

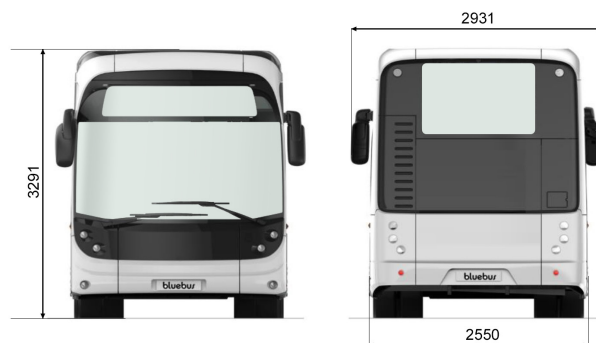
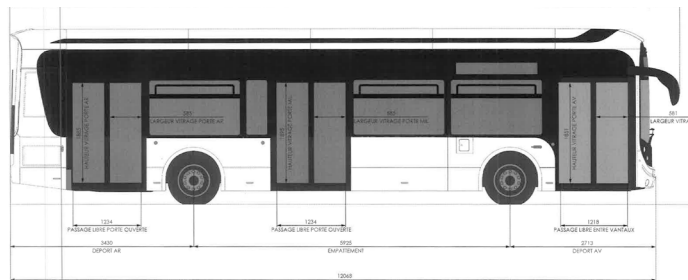
Type of front axle	ZF RL82EC
Type of rear axle	ZF AV133
Maximum permissible load on the front axle	7 500 kg
Maximum permissible load on the rear axle	13 000 kg
Size of front / rear tyres	275/70R22.5
4 ground clearance positions	normal, high with speed limited to 15 km/h, low or inclined to the right (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...

\*Average autonomy range noticed with SORT cycles



**bluebus**

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