

GENERAL DATA

Length (axles):	12.160 mm (2 axles)
Maximum height:	3.400 mm
Width:	2.550 mm
Wheelbase:	5.955 mm
Rear overhang:	2.805 mm / 3.400 mm
Interior height:	2.400 mm
Height from ground:	320 mm
Lead angle:	7,1°
Departure angle:	7,1°
Height on step:	
• Door 1:	250 mm (320 mm without kneeling)
• Door 2 and 3:	270 mm (340 mm without kneeling)
Door width:	
• Door 1	800 mm
• Door 2:	1.200 mm
• Door 3:	1.100 mm

POWERTRAIN

Manufacturer:	Irizar Group
Type:	Synchronous
Nominal power:	180 kW
Nominal torque:	1.500 Nm
Traction capacity:	Even on 18% maximum slopes

ENERGY STORAGE SYSTEM

Battery technology	Lithium ion
Slow charging:	
Max. installed power:	350 kWh (depending on customer needs)
Charging power:	100 kW
Charging time:	3-4h
Fast charging:	
Max. installed power:	400 kWh (depending on customer needs)
Charging power:	450 kW (pantograph) - 150 kW (Combo2)
Charging time:	5 min (pantograph) - 2h (Combo2)
Ultra-fast charging:	
Max. installed power:	90 kWh (depending on customer needs)
Charging power:	450 kW
Charging time:	5 min (pantograph)

AIR CONDITIONING SYSTEM

Driver:	Hispacold Zero Emissions (cold 3,5 kW - heat 13 kW)
Passengers:	Hispacold Zero Emissions (cold 28 kW - heat 32 kW)

PASSENGERS AREA AND ACCESIBILITY

Max. No. passengers**:	105
Low:	Floor
Wheelchair / pram areas:	1 or 2
Seats for PMR:	4
Electric ramp for people with disabilities:	✓
Double doors:	2 to 3
Possibility of assembling cantilever seats at the front area:	✓

SECURITY AND REGULATION

Compliance with fire-resistance:	Regulation 118R, annex 6,7 and 8
Compliance safety regulation:	With ECE-R66/02
AVAS(Acoustic Vehicle Alerting System) integrated according to:	R138 regulation
Compliance with:	Standard ITxPT
Driver are in accordance with:	ISO16121, VDV234 and EBSF
Electromagnetic compatibility:	Regulation 10R
Creepage and Hillholder function:	✓
EcoAssist:	Efficient assisted driving
Eco-mode:	Intelligent management of air conditioning once the vehicle is switched off

WEIGHT

Maximum front axle weight:	8.200 Kg
Maximum rear axle weight:	13.000 Kg

OTHER

Aluminium lateral and roof structure:	✓
Grating / floor stainless steel:	✓
Front divided into five parts for easy and economic interchange of external bodywork:	✓
Acoustic insulation of ceiling and sides:	✓
Turning diameter:	21.374 mm
LED illumination:	Interior y exterior

SEATS DISTRIBUTION

Num. of doors: 3
Wheelchair / pram areas: 1
Num. of seats: 28
Num. of standing passengers*: 68
Total num. of passengers: 97



Num. of doors: 3
Wheelchair / pram areas: 3
Num. of seats: 21
Num. of standing passengers*: 75
Total num. of passengers: 99



*This data may vary according to the legislation of each country.

**No. of standees - Data varies depending on the MAM of each country and the number and type of batteries installed on the bus.

Please enquire for other distribution possibilities.