

DIMENSIONS

Overall length	7,618 mm
Front / rear overhang	1,048 / 2,521 mm
Wheelbase	4,100 mm
Overall width	2,052 mm
Overall height to top of cab, unladen	2,831 mm
Inside headroom	1.900 mm
Ground clearance (min) front/rear	199/158 mm
Turning diameter between walls	14,758 mm
Turning radius between curbs	14,108 mm
Front/rear tracking	1,755/1,660 m
Maximum front axle weight	2,500 kg
Maximum rear axle weight	5.350 kg
Angle of attack / escape	18°/9°

WEIGHTS

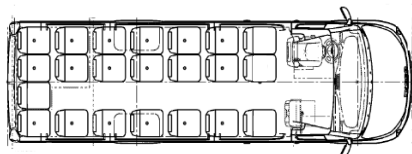
G.V.W. max permitted weight	7.200 kg
-----------------------------	----------

AP MOTOR 140kW

Power (12,000 rpm)	140 kW (190 HP)
Max torque (12.000 rpm)	400 Nm

Layout

Up to 22 passengers



BODYWORK / EXTERIOR EQUIPMENT

Anti-corrosion protection by full cathaphoretic dipping
 C-section chassis frames linked by tubular cross members
 Front electric plug door (vendor)
 Anti-pitch device for electric door
 Double leaf rear door with windows
 Heated electric rearview mirrors with integrated direction indicators
 R66.02 compliance
 RUP (rear under-run protection) compliant to ECE R58

Optional:

- Heated front electric plug door (vendor)
- Metal paint
- Emergency lights operate when the door is opened
- A/C exterior case painting as same body color

INTERIOR EQUIPMENT

Frame and wooden floor with aluminum finishing
 Floor carpet in anti-slip PVC
 Thermoformed roof passenger compartment in light grey
 Leather imitation side wall covering in light grey
 ABS window frames covering in dark grey
 Luggage racks on both sides with white/blue lighting
 Glazed manual roof escape hatch
 Fixed passenger seats (optional reclining)

Optional:

- Hostess seat
- Quick removing seats on last two rows for wheelchair user or luggage space
- Kit for 1 or 2 wheelchair users (seats, rails, ramp, q-strait, Buttons for requested stop and driver call)
- 3-point belts for all seats
- Glazed electric roof escape hatch

MOTOR

140 kW Actia motor
 Synchronous motor with permanent magnets, rear position, connected to rear axle
 Hi-Power mode (kick down function)
 Three driving modes to adjust performances: ECO, NATURAL and POWER
 Three regenerative modes to adjust range: ONE PEDAL DRIVE, STANDARD and SAILING
 Electronically limited speed: 90 km/h
 Standard driving mode ECO

Optional:

Electronically limited speed: 100 km/h
 Standard driving mode NATURAL

TYRES

225/75 R16 ECO

Inflation kit

Optional:

- Spare wheel with carrier

E-PTO

Low voltage e-PTO:

Maximum DC power 2,5 kW, 2 outputs, DC-DC converter 12 V, maximum nominal output 190 A, controlled by Body Builder connector

Optional:

- High voltage e-PTO:
 Maximum DC power 15 kW, from 300 up to 403 V, system protected by 50 A fuse, peak output 60 A, controlled by CAN line

REAR AXLE

Rigid, simple reduction

Double wheels

Rear axle ratios: 4.30

ELECTRICAL SYSTEM

CAN-bus system with Expansion Module
 FMS (Fleet Management System) Data Interface
 12 V – 110 Ah Battery
 AVAS – Audible Vehicle Alert System
 Full LED headlight
 Auto battery cut-off
 Emergency central switch

Optional:

- Fog lights with cornering
- Automatic wipers and headlights control
- Automatic high beam control

WINDOWS / THERMAL COMFORT

Athermal windscreen, single glazing TSA windows
 Thermo-acoustic insulation for roof and side panels
 Driver's heater driven by 4-speed fan with distribution and recirculation mode
 Automatic A/C for driver's compartment
 Passenger heating convactor on left hand side

Optional:

- Heated windscreen
- Darkened windows
- Single glazing with folding upper side or double glazing (without opening) windows
- Additional passenger heating on the right side
- Automatic A/C for passengers, centralized or through air vents in the luggage racks

DRIVER COMPARTMENT

2-way adjusting steering wheel coated by soft touch material, 380 mm diameter
 SBR (safety belt reminder)
 TFT Cluster with Body computer
 3-way adj. suspended driver seat, memory foam, armrest and lumbar support
 Digital tachograph DTCO 4.1 Smart
 Connectivity Box
 DAB Radio Preparation and open storage with USB plug (with inductive charge as opt)

Optional:

- Heated suspended comfort driver seat coated with memory foam, lumbar cushion
- DAB Radio
- My IVECO Infotainment, additionally with nav and rearview camera
- Parking sensors

- Rear axle ratio: 5.13
- Differential lock

FRONT AXLE / STEERING

Independent wheels
 Electric Power Steering

SUSPENSION

Front: QUADTOR with torsion bar and hydraulic telescopic shock absorbers
 Rear: mechanical suspension with dual-leaf parabolic springs and hydraulic telescopic shock absorbers

Optional:

- Air-Pro adaptive rear air suspension

BRAKING SYSTEM

ESP9: includes ABS, ASR, EBD, Hill Holder (HHC), understeering control, emergency braking assistant (HBA), hydraulic fading compensation (HFC)
 Service brake: assisted hydraulic brake, independent circuits front/rear
 Front and rear disc brakes with pads wear sensors
 Parking brake: electric (EPB), acting on the rear wheels

Optional:

- Without AEBS

BATTERIES

Multiple battery pack layout, scalable and upgradable
 Single battery pack capacity: 37 kWh
 Minibus set-up: 3 battery pack
 Total capacity: 111 kWh
 Lithium ion NMC technology, with high energy density (265 Wh/kg) and high ratio between usable and installed energy (95%)

ADVANCED DRIVER-ASSISTANCE SYSTEMS (ADAS)

LDWS, AEBS

Tyre Pressure Monitoring System

Optional:

- Cruise Control or ACC with Queue Assist
- LDWS and Proactive Lane Keeping
- AEBS with City Brake
- Crosswind Assist
- Hill descent & Traction+