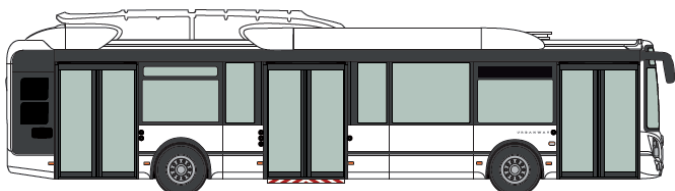


U R B A N W A Y



12 m Bus Low Floor – Tector 7 Hybrid High Value EURO VI



24 seats + 1 wheelchair & pushchair area
Seats 20 to 31



29 seats + 1 wheelchair & pushchair area
Seats 27 to 36

Maximum passengers capacity: 113 +1
(depending on permissible weights of registration country)

Length	12000 mm
Width	2500 mm
Height	3291 mm
Wheelbase	6120 mm
Front / Rear overhang	2710 / 3170 mm
Front / Rear track	2087 / 1870 mm
Front / rear internal height	2378 mm
Front / Middle / Rear door access height	320 / 330 / 340 mm
Front / Middle / Rear door width	1200 mm
External turning circle	10785mm
Internal turning circle	4011 mm
Kerb-to-kerb turning radius	9000 mm
Approach / departure angles	7° / 7°
Max. legal permissible GVW *	19950 kg
Max. permissible front axle load	7245 / 7500** kg
Max. permissible rear axle load *	13000 kg

TECTOR 7 EURO VI	
Power at 2500 rpm	210 kW (286 hp)
Max. torque	1000 Nm at 1250 rpm
Displacement	6,7 litres
6 cylinders in line, longitudinal at the rear, Common Rail	

* Max depending on registration country

**Specific Tyres



URBANWAY - 12 m Bus Low Floor – Tector 7 Hybrid High Value EURO VI

BODY AND EXTERIOR EQUIPMENT

- Vehicle Type M3 Class I (Eu type approval)
- ECE R 107 compliant
- Steel construction with anti-corrosion K.T.L. treatment
- Self – supporting structure made of 6 panels bolted together
- Roof panel in metals sheet; front and rear face in polyester
- Modular side panels in aluminum sheet
- Front and rear bumpers, lateral lower panels in polyester
- Doors with inward opening, with manual ramp at second door
- Access to rear engine compartment with 3 separate opening panels

INTERIOR EQUIPEMENT

- Passenger seats Ster 8MS
- Seats trimming : plastic or fabric or fabric with foam
- Pushchair space combine with UFR area
- Roof center finishing: polyurethane, roof air chanel : extruded aluminium
- Painted handrails or stainless steel
- 6 kg fire extinguisher on dashboard
- 7 stop buttons and 1 stop box on front

ELECTRICAL EQUIPMENT

- Multiplex of the driveline and vehicle
- Batteries 225 Ah mounted on a sliding tray
- NATO plug for battery loading
- Thermal circuit-breakers, disruptors, and manual battery circuit-breaker
- Energy saver system
- Sound system cabling or cabling with loudspeakers
- LED for DRL, sidemarkers, rear lighting block, driver area and door accesses
- Alternated LED roof lighting

WINDOWS/ THERMAL COMFORT

- TSA tinted windscreen, driver's window , side windows and doors
- Manual sliding driver's window
- Tinted side windows
- Tilting or sliding upper part windows
- Thermal insulation of the bodywork
- Thermal and sound insulation of engine compartment
- Ventilation of driver area
- De-icing of windscreen and driver's window by frontbox blowers
- Floor heating by 2 or 4 heaters

DRIVER COMPARTMENT

- EBSF compliant driver cockpit with elevated driver position (2 steps)
- Electromagnetic driver's door lock and money drawer
- Adjustable dashboard on steering wheel column
- Upper driver's facilities (motorbike helmet size)
- 4 orientable air ducts for driver thermal comfort
- Driver seat with air suspension: ISRI 6860/885 (875 with belt), on turntable

TYRES AND WHEELS

- Type: 275/70 R22.5, 148/145J or 150/145J (suitable for 7.5 T front axle load)

Optional :

- Pneumatic or electrical doors
- External sliding doors (except front door)
- Electrical wheelchair access ramp
- Full wheel covers
- Lateral lowered windows

Optional :

- Seats Compin Perseus or SB09
- Personalised roof trim centre section

Optional :

- Thermal magnetic fuses or electrical battery circuit-breaker
- Front foglamps
- Upper LED rear lights
- 2 LED continuous raws roof lighting
- LED indirect roof lighting
- Fenwick plug

Optional :

- Electrically remote driver's window
- Dark tinted side windows
- Roof-mounted A/C unit
- Electrically activated roof hatches, plastic or glazed.
- A/C reheating unit
- Independent heater (32 kW)
- 2 air extractors
- Double glazed windows

Optional :

- Driver door full closed
- De-icing and electric powered external mirrors

Optional :

- Tyres as free issue

ENGINE

- Hi-SCR after treatment system
 - Diesel Oxydation Catalyst
 - Diesel Particulate Filter
 - Selective Catalytic Reduction of NOx with adBlue
 - Clean Up Catalyst
- Diesel heater filter
- Fire detection of engine compartment

HYBRID ARCHITECTURE

- Serial Hybrid architecture, without gearbox nor bevel gear
- Generator and electric engine cooled by glycol water through roofed radiator with electric fans

GENERATOR: start the engine without starter or flywheel

- Permanent magnet brushless generator coupled to the engine
- Power 140 kW

ELECTRIC ENGINE: realize the traction

- Permanent magnet electric motor
- Power: 120 kW, peak 195 kW
- Torque: intermittent 1524 Nm, peak 2134 Nm
- Retarder and ASR integrated

BATTERIES

- Ultracapacitor EDLC : 0.82 kWh, 500-750 VDC, 200 kW
- Recharged by the electric engine during deceleration
- Electric engine power during the acceleration phase
- 11 kWh on board, 635 V, 200 kW
- Installed roof with convection integrated cooling

REAR AXLE

- Lowered rear axle ZF AV 133
- Max speed allowed without speed limitator: see table

FRONT AXLE/ STEERING AND SUSPENSION

- Independent suspensions R175
- Worm-type steering Bosch with integrated power steering
- Full air suspension with self-levelling sensor , kneeling, raising function

COMPRESSED AIR

- Dual cylinder air compressor 630 cm3
- Air dryer & oil separator
- Stainless steel air tanks

BRAKES

- Pneumatically-controlled service brake, front and rear disks brakes
- E.B.S. (A.B.S. with A.S.R.)
- Dual independent circuits front and rear
- Parking brakes : low air pressure warning system

FUEL TANK AND ADBLUE TANK

- 230 liters of diesel and 54 liters of adBlue tanks, right hand side filling at rear.

Optional :

- Exhaust pipe on the roof
- Centralized filling (water and oil)
- Engine fire extinguisher with water

Optional :

- Arrive & go
- Driver Aid

	Gearbox	T7 Hybrid
Ratio		
	9,81 – 13 x 40	77 km/h