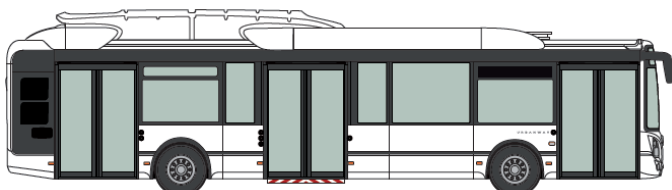


# U R B A N W A Y



## 12 m Bus Low Floor – Tector 7 Hybrid EU6 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                                   | 3393 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 EU6 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

**IVECO**  
**BUS**

# URBANWAY - 12 m Bus Low Floor – Tector 7 Hybrid 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

- Asynchronous brushless electric engine
- Power: 120 kW, peak 175 kW
- Torque: intermittent 2415 Nm, peak 3300 Nm
- Reduction integrated 4:1
- Retarder and ASR integrated

## BATTERIES

- Lithium-ion Nano-Phosphate to recover energy during braking
- 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 limiter: see table

## FRONT AXLE/ STEERING AND SUSPENSION

- Independent suspensions RI75
- 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          |         |           |
| 6,20 – 19 x 37 |         | 70 km/h   |

# IVECO BUS