

10 m Karsan Electric Bus	
<b>VEHICLE TYPE</b>	
Vehicle Category & Class	Low Floor Electric Bus, M3 Category, Class I, LHD
<b>POWERTRAIN SYSTEM</b>	
Drive type	Electrical Axle Drive
Engine	ZF AVE 130 Hub Motor
Maximum Power (kW)	240
Maximum Torque (Nm)	22,000 Nm
<b>PERFORMANCE &amp; ELECTRIC SYSTEM</b>	
Battery Chemical Type	LFP
Max Battery Capacity	198 kWh
Charging (Type - Power- Time)	Combo 2 Plug in - 150 kW - 3.5 h
Top speed	80 km/h (i:22.66) / 100 km/h (i:17.8)
Range with a single charge	Up to 200 km
Gradeability (%)	%23 (i:22.66) / 18% (i:17.8)
Turning Radius (Kerb to kerb) (mm)	18050 mm
<b>SUSPENSION</b>	
Suspension Type	Air Suspension + Electronic Level Control+Kneeling
Front Axle (1st axle)	ZF RL 82 EC (Independent Wheel Suspension)
Rear Axle	ZF AVE 130 (Electric Portal Axle)
<b>BRAKE SYSTEM</b>	
Brake system	WABCO EBS3, regenerative braking
Front & Rear Brakes	Pneumatic Disc Brake System
Steering Wheel	Tiltable & Telescopic Electoc Hydraulic Steering Wheel
<b>DIMENSIONS &amp; WEIGHT</b>	
Overall Length (mm)	10.750
Overall width (mm)	2.550
Overall height (mm)	3.350
Wheelbase (mm)	4530
Standing Height (mm)	2292 mm
Step Height with Kneeling (Door 1 x Door 2 x Door 3) (mm)	TBD
Step Height without Kneeling (Door 1 x Door 2 x Door 3) (mm)	340 mm
Gross Vehicle Weight (kg)	19.000 (18.000 kg optional)
Tyre size	275/70 R22.5
Doors	2 double folding doors, pneumatic
<b>PASSENGER CAPACITY ALTERNATIVES</b>	
For 198 kWh & 19 t GVW & 3 doors	Max. 85 passenger capacity (32 seated + 53 standing)
<b>HEATING AND AIR CONDITIONING (HVAC)</b>	
HVAC system	Heat pump (electric heating and cooling)
Temperature range	-15°C to +45°C
Auxiliary heater	Optional (fossil or electric)