

Model Name	Low Floor City Bus with CNG Electric Hybrid Powertrain LPO1628/6300 mm Wheel Base (4 x 2 configuration)
Battery Pack	High Power Li-ion Batteries Energy Storage Capacity - 11 Ah; 3.74 kWh Maximum
Traction Motor & Generator	Permanent Magnet Synchronous Motor; 44 Kw Peak Traction Power; Max. Speed - 2600 rpm
Engine	6B5.9 (BGas + CNG BS-4); Max. Power - 230 HP @ 2800 rpm. Max. Torque - 678 Nm @ 1600 rpm
Steering Type	Hydraulic Power Steering
Brakes	Full Air Dual Circuit - S Cam with ABS
Chassis Type	Integral Type Low Floor Frame
Gradeability	17.00%
Performance	Max. Speed - 70 km/h
GVW (kg)	16200
Ground Clearance (mm)	Front - 269 & Rear - 262 (below the axles)
Kerb Weight (kg)	12,200
Wheel Base (mm)	6300
Dimensions (mm)	Overall Length - 12000; Width - 2550; Height - 3350 Lower Turning Circle Diameter - 19414
Suspension	Full Pneumatic Suspension at front and rear with kneeling facility; Hydraulic Double Acting Telescopic Type Shock Absorbers for improved ride quality
Tyres	11 R 22.5 Tubeless Radials in front and rear
Fuel System	Roof Mounted CNG Cylinders 9 nos. 80 ltrs each (water capacity)
Climate Control	HVAC Manual Control - 32 Kw Max. Cooling Load
Electrical System	24 V - DC; Alternator Capacity - 24 V - 75 Amps Battery - 2 x 12 V, 150 Ah
Applications	Intra-city operation
Features	Floor Height - 400 mm 32-Seater with Wheelchair Inswing and Outswing Flap Doors 25-30% better fuel efficiency Lower Emissions High Starting Acceleration Drive-like Automated Transmission ISRI Mechanical Suspended Driver Seat