

# TECHNICAL SPECIFICATIONS



	Starbus Skool 40 CNG	Starbus Skool 52
Emission	Bharat Stage IV	Bharat Stage III
Chassis Platform	Tata LP 909 CNG /49 WB BS IV	LPO 1512 / 53 BS III
Engine	Tata 3.8 SGI BS-IV ENGINE CNG	Tata Cummins 6BT 5.9 Turbo Charged Inter-cooled Diesel
Engine Power	62 Kw @ 2500 rpm (85 HP)	101 Kw at 2400 rpm (135 HP)
Engine Torque	270 Nm @ 1500-1800 rpm	490 Nm at 1400-1600 rpm
Driveline	Dry Single Plate, 280 mm dia Clutch (reinforced) with clutch booster	Dry Single Plate, 330 mm dia Clutch (Booster-assisted)
Gearbox	GBS 27, 5 Forward + 1 Reverse	G-600, 6 Forward +1 Reverse
Brakes	Dual Circuit Full Air S Cam Brake	Dual Circuit, Full Air S Cam Brake System with EEB fitment
Suspension	Leaf Spring, Hydraulic - Double Acting Telescopic and Anti-roll Bars on Front and Rear	Leaf Spring, Hydraulic - Double Acting Telescopic and Anti-roll Bars on Front
Steering	Power Steering	Power Steering
Battery	12 Volts, 120 Ah / 150 Ah	2x12 Volts, 150 Ah
Alternator (Max o/p)	65 Amps	45 Amps
Tyres	6+1 Tyres, 8.25X16-16PR	6 + 1 Tyres, 9 x 20 - 14 PR
Fuel Tank	480 Ltrs (150 Ltrs - 2 Nos. Cyls. & 90 Ltrs - 2 Nos. Cyls.)	250 Ltrs
Turning Circle Diameter	17.5 m	20.1 m
Maximum GVW	9400 Kgs	14860 Kgs
<b>Body</b>		
Seating Capacity & Layout	40+1, 2x2	52 +1, 3x2
Structure	Pre-treated structure for corrosion resistant long life body	Galvanized Tubular Structure
Floor	12 mm Plywood (Fire Retardant) with Anti-skid Vinyl	12 mm Plywood(Fire Retardant) with Anti-skid Vinyl
Passenger Door	1 no. Jack Knife Door	1 no. Jack Knife Door
Front Windshield	Single	Single Piece Laminated Glass
Rear Windshield	Single Piece Tempered Glass	Single Piece Tempered Glass
Emergency Exits	Rear of bus, breakable rear glass with hammer & Side Emergency Door on the rear RHS of the bus	Rear of bus, breakable rear glass with hammer & Side Emergency Door on the rear RHS of the bus
Side Windows	Side - sliding glasses	Side - sliding glasses
Driver's Partition	Full partition with M S Pipe, glass at top half	Full partition with M S Pipe, glass at top half
First-aid Box	One no. behind driver	One no. behind driver
Tool Box	Provided	Provided
Roof Lamps	2 Red Rear and 2 White Front	2 Red Rear and 2 White Front
Step Lamp	No	Yes
Fire Extinguisher	2 nos. of 2 Kg capacity	1 no. of 2 Kg capacity
Hat-rack	Padded	Modular
Window Guardrail	Four Rows	2 Rows
Bell Switch	1 no. Stanchion Pipe	Provided on vertical railing / stanchions
Emergency Alarm	Door Open Alarm	Door Open Alarm
Colour Scheme	Fluorescent yellow exterior colour	Fluorescent yellow exterior colour with School Bus stickers
Fire Retardant Material	Fire retardant material for all interior material used in bus	Fire retardant material for all interior material used in bus
Side Luggage Boot	No	Yes
Air-conditioner	No	No
<b>Overall Dimensions</b>		
Length (mm)	9187	10434
Height (mm)	2730	3250
Width (mm)	2150	2600
Wheel Base (mm)	4920	5334
Internal Height (mm)	1885	2100