



NEUTON AUTO™

Driving Towards Sustainable Urban Mobility



SCHOOL BUS
Zero Emissions | 100% Electric

Key Features Of Neuton



**MONOCOQUE SPACEFRAME
INTEGRAL STRUCTURE**
Safer and Lighter



INTELLIGENT MOBILITY
Intelligent tracking system integrated in driver area with
Video surveillance for a user integrated experience



REGENERATIVE ENERGY
Braking systems recover energy



FRONT INDEPENDENT AIR SUSPENSION



WISHBONE REAR AIR SUSPENSION



ECAS

**ELECTRONICALLY CONTROLLED
AIR SUSPENSION**

For a superior ride experience



**ANTI-LOCK BRAKING
SYSTEM**



**ELECTRONIC BRAKE-FORCE
DISTRIBUTION**



HILL HOLD ASSIST

Vehicle Safety



SOS



CCTV CAMERA



REAL TIME LOCATION TRACKING

Children Safety



TECHNICAL SPECIFICATIONS FOR SCHOOL BUS

BUS DIMENSIONS AND CAPACITY

Length of Bus	9230 mm
Width of Bus	2400 mm
Height of Bus	3100 mm (including AC)
Wheel base	4640 mm
Floor height mim	900 mm
Seating Capacity	43 + 1D
Seat Type	2 x 3 Cushion Bench type Seat And Backrest

CHASSIS AND DRIVELINE

Chassis frame	Monocoque Space Frame	
Braking system	Front	Disc
	Rear	Drum
Regenerative Braking	Electrical Regenerative Braking	
Gross Vehicle Weight	13,500 Kgs	
Motor	Permanent Magnet Synchronous	
Max. Power	215 kW	
Max. Speed	60 kms/hr	

BATTERY

Battery Capacity	200 (kWh)
Battery Type (Chemistry)	Lithium Iron Phosphate (LFP)
Type of Cooling (Battery)	Active Chilling System (water + glycol)
Battery Mounting	Below Passanger Floor
Time for Full Charge (with proposed battery and charging solution(s))	2 hrs. External Charging using Dual Gun Fast Charger

SUSPENSION AND STEERING

Suspension System	Superior Air Suspension Front & Rear with ECAS
Suspension Front	Double Wishbone Mounted Independent Air Suspension
Suspension Rear	Wishbone mounted Air Suspension
Steering System	Electro-Hydraulic Power Steering

TYRES AND WHEELS

Wheel Disc	22.5 x 7.5
Tyres	255/70 R22.5

OTHER SPECS.

Air Conditioning System	High Voltage Electric Rooftop Air Conditioning Unit
Door System	Electro Pneumatic
No of Doors	1 Front
Driver / Emergency Door	As per AIS 052

SAFETY FEATURES AND ITS (OPTIONAL)

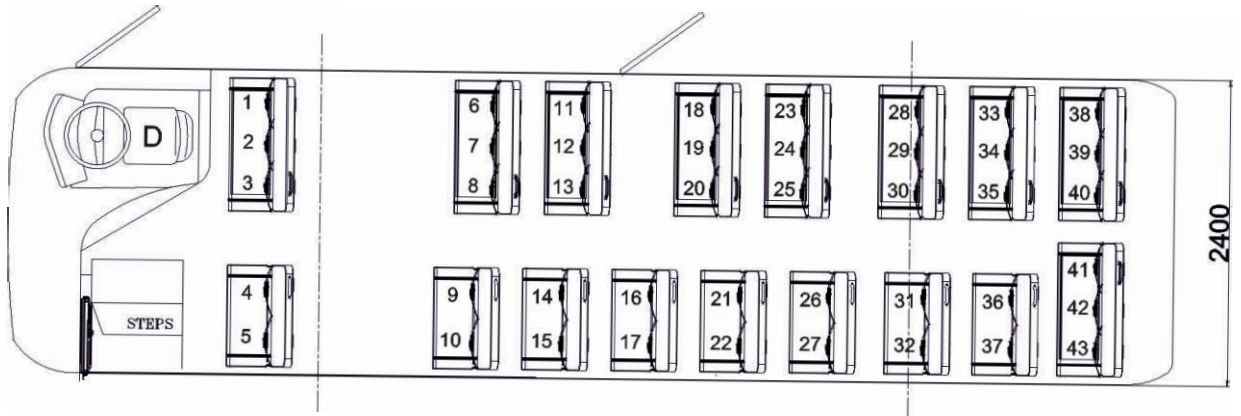
Intelligent Transport System	Display Boards, CCTV, PIS, Reverse Camera, TFT LCD on Dashboard And GPS
Passenger Safety	Panic Button (AIS 140),
Passenger Safety	Anti-pinch pneumatic passenger doors
Hill Hold Control	Provided
Tyre Pressure Monitoring System	Provided with display on dashboard



NEUTON
AUTO

◀The future of mobility▶

SCHOOL BUS
43+D
SEATING
LAYOUT



It's a Collaborative Alliance



Superior Client Care & Support

Our team of customer service managers, stationed strategically across regions, stands ready as your initial contact for all your vehicle maintenance requirements, ensuring your fleet's continuous operation.

Neuton Auto Private Limited reserves the right to change specifications, schemes and equipment without prior notice.

The colour plates shown may vary a little from the actual colours due to the limitations of print process.

Please consult your dealer for full information and availability on colours and trim