



DRIVEN BY YOUR CITY

Each city has its own reality. This is why your Nova buses are the result of an integrated manufacturing process where our expertise meets your specific needs and challenges. We're not building just any bus – we're building your transit solution.



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NOVA BUS

TECHNICAL SPECIFICATIONS LFS Product Line



	Standard	Hybrid	Articulated
Length	40.0 ft.	40.0 ft.	62.0 ft
Seating Capacity	Up to 41	Up to 38	Up to 62
Loading Capacity (Seated and Standing)	80	71	112
Wheelchair ramp, flip type at front door	Standard	Standard	Standard
Electric / Electronic system	Volvo Multiplex system (VBEA)	Volvo Multiplex system (VBEA)	Volvo Multiplex system (VBEA)
Outside shell (excl. panels between windows)	Fiberglass and Thermoplastic Skirt Panels	Fiberglass and Thermoplastic Skirt Panels	Fiberglass and Thermoplastic Skirt Panels
Roof-mounted HVAC Multiplex control Carrier heater Carrier AC353 with 05G compressor Thermo-King Athenia with X430 compressor	Standard Optional Optional	Standard Optional Optional	Standard Optional Optional
Kneeling front suspension	Standard	Standard	Standard
Step height	Not kneeled: 14.6 in. Kneeled: 11.6 in.	Not kneeled: 14.6 in. Kneeled: 11.6 in.	Not kneeled: 14.6 in. Kneeled: 11.6 in.
Width	102 in.	102 in.	102 in.
Height (with rear shell)	124 in.	128 in. (with hybrid canopy)	124 in.
Stainless Steel Structure (with min. 10% Cr)	Standard	Standard	Standard
Wheelbase	Front to rear axle: 244 in.	Front to rear axle: 244 in.	Front to mid axle: 244 in. Mid to rear axle: 253 in.
Floor to ceiling height Excluding rear axle Rear platform above rear axle	92.9 in. 76.9 in.	92.9 in. 76.9 in.	92.9 in. 76.9 in.
Turning radius outside body	40 ft. 10 in.	40 ft. 10 in.	44 ft.
Tires	Michelin XZU2 305-70R22.5	Michelin XZU2 305-70R22.5	Front & rear tires: Michelin XZU2 305-70R22.5 - Mid tires: Continental HDU1 385-55R22.5
Engine	Cummins ISL 8.9 280 HP: Standard Cummins ISL 8.9 250 HP: Optional	Cummins ISB 6.7 260 HP: Standard	Cummins ISL 8.9 330 HP: Standard
Transmission	ZF Ecolife transmission (6 speeds): Standard - Allison B400 transmission (6 speeds): Optional Voith DIWA 0.5 (4 speeds): Optional	Allison E ⁴ 0 System	ZF Ecolife transmission (6 speeds): Standard - Allison B500 transmission (6 speeds): Optional Voith DIWA 0.5 (4 speeds): Optional
Tilt and telescopic steering column	Standard	Standard	Standard
Axles	Front ZF RL-85 Rear ZF AV-132	Front ZF RL-85 Rear ZF AV-132	Front ZF RL-85 - Mid ZF AVN-132 Rear ZF AV-132
Disc brakes (all-wheels) with Automatic traction control	Standard	Standard	Standard
24V/270 amp oil cooled 50DN alternator	Standard	Standard	Standard
Stainless steel fuel tank capacity	134 gal.	88 gal.	142 gal.
Destination Sign	Axion: Standard Luminator: Optional Twin vision: Optional	Axion: Standard Luminator: Optional Twin vision: Optional	Axion: Standard Luminator: Optional Twin vision: Optional

Also Available	<ul style="list-style-type: none"> - Suburban or shuttle applications - Under seat lighting - Overhead luggage racks - Personal reading lamps - Wide doors - Flush mounted windows 	<ul style="list-style-type: none"> - Profiled roof treatment - BRT-style mirrors - Integrated front fascia with recessed fog lights - Smooth exterior side walls - Color-coordinated wheel covers and sleek rear fascia
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These specifications are based on the latest product information available at press time and are subject to change. Contact your Nova Bus Sales Manager for complete details on standard features and options available.
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