

TECHNICAL SPECIFICATIONS



**DESIGNERS AND ENGINEERS
SPENT COUNTLESS HOURS
MAKING EVERY LINE ATTRACTIVE.
ESPECIALLY THE BOTTOM ONE.**

At Nova Bus, we're driven by your city. But we're also driven to build sleek-looking buses that combine high performance with a competitive life cycle cost. And that's precisely what we're doing. From an engineering perspective, well, let's just say we don't take a back seat to anyone, with proven technologies, high fuel efficiency and an ease of maintenance. All of which contribute to cost savings and a highly attractive bottom line.

NOVA BUS
Driven by your city

NOVA BUS SPECIFICATIONS



LENGTH	40.0'	62.0'
PROPULSION OPTIONS	ULSD, Hybrid	
SEATING CAPACITY	Up to 41	Up to 62
LOADING CAPACITY (SEATED AND STANDING)	Up to 80	Up to 112
ELECTRIC/ELECTRONIC SYSTEM	Volvo Multiplex system (VBEA)	
STRUCTURE	Stainless steel	
OUTSIDE SHELL	Fiberglass and thermoplastic skirt panels	
ROOF-MOUNTED HVAC	Multiplex control Carrier heater Carrier AC 353 with 05G compressor Thermo King Athenia with X430 compressor	
STOP HEIGHT	Not kneeled: 14.6" Kneeled: 10.6"	
WIDTH	102.0"	
HEIGHT (WITH AC)	ULSD: 124.0" Hybrid: 128.0"	
WHEELBASE	Front to rear axle: 244"	Front to mid axle: 244" Mid to rear axle: 253"
INTERIOR HEIGHT	93" excl. rear axle 76" above rear axle	
TURNING RADIUS (OUTSIDE BODY)	40' 10"	44' 8"
TIRES	Michelin XZU2 305-70R22.5	Front & rear tires: Michelin XZU2 305-70R22.5 Mid tires: Continental HDU1 385-55R22.5
FLOORING SYSTEM	Composite	
DOOR WIDTH	35" or 47"	
ENGINE OPTIONS	ULSD: Cummins ISL 8.9 280 HP Hybrid: Cummins ISB 6.7 280 HP	ULSD: Cummins ISL 8.9 330 HP Hybrid: Cummins ISL 8.9 330 HP
TRANSMISSION OPTIONS	ULSD: ZF EcoLife (6 sp) Allison B400R (6 sp) Voith D864.5E (4 sp) Hybrid: Allison H 40 EP	ULSD: ZF EcoLife (6 sp) Allison B500R (6 sp) Voith D864.5E (4 sp) Hybrid: Allison H 50 EP
AXLES	Front ZF RL-85 Rear ZF AV-132	Front ZF RL-85 Mid ZF AVN-132 Rear ZF AV-132
BRAKE SYSTEM	All-wheel disc brakes	
FUEL TANK CAPACITY	ULSD: 125 US gal. Hybrid: 82 US gal. or 125 US gal.	ULSD: 142 US gal. Hybrid: 142 US gal.

OPTIONS AVAILABLE:

- Suburban or shuttle applications
- Under-seat lighting
- Overhead luggage racks
- Personal reading lamps
- Work tables
- Wide doors
- Bike rack
- Flush-mounted windows
- 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