

# Nova LFS HEV (Hybrid)

Combining diesel and hybrid technologies



Reduces  
fuel consumption  
and emissions  
by up to 30%

Hybrid buses can lead to significant gains in efficiency, but optimum system configuration and potential gains in efficiency are highly dependent on the application.

Hybrid technology is perfect in frequent stop and go conditions. There's a solution for every city.

# Nova LFS HEV



## BETTER FUEL ECONOMY

Up to 30% fuel savings at average speeds of 9-18 mph

## REDUCED MAINTENANCE COSTS

Savings on brakes and engine maintenance costs from regenerative braking

## REDUCED EMISSIONS

Lowers NOx, PM, CO and HC emissions by up to 40%

## Specifications

LENGTH	40 feet (12.2 meters)
WIDTH	8.5 feet (2.6 meters)
HEIGHT	10.5 ft (3.2 meters)
INTERIOR HEIGHT	7.8 feet (2.4 meters) excluding rear axle 6.2 feet (1.9 meters) over rear axle
WHEELBASE	Front to rear axle: 244 inches (620 centimeters)
SEATING CAPACITY	Up to 41 passengers
LOADING CAPACITY	Up to 80 passengers
STRUCTURE	Stainless steel
CORROSION-RESISTANT OUTSIDE SHELL	Fiberglass and thermoplastic skirt panels
ENGINEOPTIONS	Cummins L9 330, Cummins B6.7 280
ROOF-MOUNTED HVAC OPTIONS	Mobile Climate Control Eco 136e electric, Thermo King AM2 all-electric
FLOORING SYSTEM	Composite
DOOR WIDTH	35 inches (standard) or 47 inches (wide)
ELECTRIC / ELECTRONIC SYSTEM	Volvo Multiplex System (VBEA)
TRANSMISSION OPTIONS	BAE HDS200, Allison H 40 EP
RADIATOR	Nova eCooling system
AXLES	ZF RL-85 (Front), ZF AV-132 (Rear)
BRAKE SYSTEM	ABS all-wheel disc brakes with traction control
FUEL TANK CAPACITY	473 liters
TURNING RADIUS	40 feet 10 inches