

Nova Bus LFS HEV

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.

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 ft (12.2 m)
WIDTH	8.5 ft (2.6 m)
HEIGHT	10.7 ft (3.3 m)
INTERIOR HEIGHT	93" excluding rear axle, 74" over rear axle
WHEELBASE	244" front to rear axle
SEATING CAPACITY	Up to 41
LOADING CAPACITY	Up to 80
STRUCTURE	Stainless Steel
CORROSION-RESISTANT OUTSIDE SHELL	Fiberglass and thermoplastic skirt panels
ENGINE OPTIONS	Cummins B6.7 280 HP
ROOF-MOUNTED HVAC OPTIONS	MCC Thermo King
FLOORING SYSTEM	Composite
DOOR WIDTH	35" or 47"
ELECTRIC / ELECTRONIC SYSTEM	Volvo Multiplex System (VBEA)
TRANSMISSION OPTIONS	Allison H 40 EP BAE HDS200
RADIATOR	Nova eCooling system
AXLES	Front ZF RL-85, Rear ZF AV-133
BRAKE SYSTEM	ABS all-wheel disc brakes with traction control
FUEL TANK CAPACITY	123.6 US gallon (468 litres)
TURNING RADIUS	40' 10" (12.45 m)

These specifications are based on the latest product information available at press time and are subject to change.

Contact your Nova Bus Regional Sales Manager for more details regarding our products and services.