

NOVA LFS_e

Building the future of sustainable mobility



The LFS_e, a 100% electric heavy-duty transit bus based on the proven LFS platform, is developed according to Volvo Group Quality and Safety standards, and it integrates powerful electric propulsion technology optimized for harsh operating conditions.

The uncompromising
industry workhorse
ELECTRIFIED

An unparalleled driving and riding experience, significant reduction in noise level, zero emission and a continuous operational range thanks to the OppCharge technology are just a few of the advantages this advanced electric vehicle system has to offer.

OPRcharge

Continuous operations with superfast charging

OppCharge is a common interface shared by major OEMs and charging stations suppliers around the world. It provides quick connection, high charging speed and high efficiency. OppCharge supports interoperability so that any vehicle can connect to any charging station.

Visit www.oppcharge.org for more information



SPECIFICATIONS	LFS ^e : 100% ELECTRIC BUS
LENGTH	40.0' (12.2 m)
HEIGHT	130" (330 cm)
SEATING CAPACITY	Up to 41
MULTIPLEX SYSTEM	Volvo multiplex system (VBEA)
CORROSION-RESISTANT OUTSIDE SHELL	Fiberglass and thermoplastic skirt panels
ROOF-MOUNTED HVAC	Thermo King all-electric AM2 E700
STRUCTURE	Stainless Steel
MOTOR	TM4 Sumo HD electric powertrain 230 kW / 2700 Nm (308 hp / 1990 lb-ft)
TRANSMISSION	Direct drive. No gearbox.
BATTERIES	4 Volvo high voltage lithium-ion batteries in parallel
LOCATION OF BATTERIES	2 batteries located on the roof 2 batteries located in the rear section
CHARGING FREQUENCY	5-minute fast charge per operating hour using an overhead inverted pantograph
OPERATIONAL RANGE	Up to 25 miles / 40 km Continuous Operation with Fast-charging infrastructure
AXLES	Front ZF RL-85 Rear ZF AV-132
BRAKES	ABS disc w/ traction control

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 on our products and services.