

LIOND

Technical Specifications



All-electric Type D
School Bus

 LION ELECTRIC

WEIGHT & DIMENSIONS

Vehicle length	473 in
Vehicle width	102 in
Vehicle height	122 in
Wheelbase	Up to 252 in
Gross Vehicle Weight Rating (G.V.W.R)	Up to 36,200 lb
Capacity	Up to 83 passengers

ELECTRIC POWERTRAIN

Top Speed	60 mph
Maximum Power	250 kW • 335 HP
Maximum Torque	2 500 NM • 1 800 ft-lb
Range	100 – 125 – 155 miles
Battery Capacity	126 – 168 – 210 kWh
Motor & Inverter	SUMO-MD • Dana/TM4
Transmission	Direct Drive No Transmission
Charging Type	Level II (AC) – J1772 & Level III (DC) – CCS-Combo
Level II - Charging Time	
19,2 kW	6,5 – 11 hours
Level III - Charging Time	
24 kW	5 – 9 hours
50 kW	2,5 – 4,25 hours

CHASSIS

Front axle	Up to 13,000 lb
Rear axle	Up to 23,200 lb
Suspension	
Standard	Rear air ride
Braking	
Standard	Air disc brakes

thelionelectric.com

Start every school day on a smarter, brighter and more energy-efficient path.

Lion is building today's ultimate electric school bus. Designed and purpose-built to optimize your school operations.

The **LIOND**, all-electric type D school bus, is efficient, sustainable and offers great performance.

The Lion Experience:

- Grant writing and ability to leverage fundings
- Charging infrastructure design and project management
- Complete onboarding trainings

Make your **next move** a **bright one**.

Savings Electric VS. Diesel



80%

ENERGY COSTS
REDUCTION



60%

MAINTENANCE
COSTS REDUCTION

- 1 ZERO-EMISSION SOLUTION
- 2 PROVEN SAFETY RECORDS
- 3 LOWEST TOTAL COST OF OWNERSHIP
- 4 REDUCTION OF MAINTENANCE DOWN TIME
- 5 BEST-IN-CLASS DRIVING EXPERIENCE
- 6 NO NOISE POLLUTION

