LIONC

All-Electric Type C School Bus

LION ELECTRIC

Technical Specifications*

WEIGHT & DIMENSIONS

Vehicle length	473 in.
Vehicle widths	96 – 102 in.
Vehicle height	122 in.
Wheelbases	278 in.
Gross vehicle weight rating (GVWR)	Up to 31,000 lb
Capacity	Up to 77 passengers

ELECTRIC POWERTRAIN

Top speed	60 mph
Maximum power	250 kW • 335 Hp
Maximum torque	2,500 Nm • 1,800 ft-lb
Ranges	100 – 125 miles**
Battery capacities	126 – 168 kWh
Motor and inverter	SUMO MD • Dana TM4
Transmission	Direct drive No transmission
Charging types	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 10,000 lb
Rear Axle	Up to 21,000 lb
Suspension	
Standard Optional	Spring suspension Rear air ride
Braking	
Standard Optional	Hydraulic disc brakes Air brakes

* **SPECIFICATIONS ARE SUBJECT TO CHANGE.**

** Based on 65% GVWR, on a Rowan University Composite School Bus Cycle.

thelionelectric.com

Power ahead with school transportation innovation your world needs now.

Lion is building today's ultimate electric school bus. The LIONC is designed, created and manufactured to be electric. The type C school bus is purpose-built to optimize your transportation experience and ensure the safety of every student on board.

Every **Lion Electric** bus you choose to put on the road takes 25 tons of GHG out of the global equation each year.

The LionExperience:

- Grant writing and ability to leverage fundings
- Charging infrastructure design and project management
- Complete onboarding trainings
- Purpose-designed EV telematic system

Make your next move a bright one.

Savings Electric VS. Diesel

80%

ENERGY COST REDUCTION

60%

MAINTENANCE COST 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
7. FULLY CONFIGURABLE INTERIOR