

# LIONA

## Technical Specifications



All-electric  
Mini School Bus

 LION ELECTRIC

### WEIGHT & DIMENSIONS

Vehicle length	313 in
Vehicle width	96 in
Vehicle height	111 in
Wheelbase	143 in
Gross Vehicle Weight Rating (G.V.W.R)	22,350 lb
Capacity	Up to 24 passengers

### ELECTRIC POWERTRAIN

Top Speed	60 mph
Maximum Power	160 kW • 215 HP
Maximum Torque	1 200 NM
Range	75 - 150 miles
Battery Capacity	84 - 168 kWh
Motor & Inverter	SUMO-LD • Dana/TM4
Transmission	Direct Drive No Transmission
Charging Type	Level III (DC) - CCS-Combo & Level II (AC) - J1772
Level II - Charging Time	
19,2 kW	3,4 - 8,75 hours
Level III - Charging Time	
24 kW	3,5 - 7 hours
50 kW	2 - 3,5 hours

### CHASSIS

Front axle	9,180 lb
Rear axle	13,170 lb
Suspension	
Standard	Spring suspension
Optional	Liquid spring suspension
Braking	Hydraulic disc brakes

[thelionelectric.com](http://thelionelectric.com)

# Clean savings. Cleaner air. For our kids and community.

Lion is building today's ultimate electric school bus. Designed for kids with special needs mind. **Purpose-built** to optimize your transportation experience and ensure the safety of everyone on board.

The **LIONA**, all-electric mini school bus, is a turnkey solution of efficiency, performance and sustainability.

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
- 7 FULLY CONFIGURABLE INTERIOR

