

LionA

Technical Specifications

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	65 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	3.4 - 8.75 hours
19.2 kW	
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



All-electric
Mini School Bus

 **LION ELECTRIC**

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

