

Lion8

Technical Specifications

WEIGHT & DIMENSIONS

Cabin Length - BBC	79 in
Cabin Width	96 in
Cabin Height	107 in
Wheelbase	195-280 in
Gross Vehicle Weight Rating (G.V.W.R)	Up to 60,000 lb

ELECTRIC POWERTRAIN

Top Speed	65 mph
Maximum Power	350 kW // 470 HP
Maximum Torque	2,507 ft-lb
Range	Up to 170 miles
Battery Capacity	Up to 336 kWh
ePTO	Available
Motor & Inverter	SUMO HD HV3500 - 9 phases // Dana/TM4
Transmission	Direct Drive // No Transmission
Charging Type	
Standard	Level III (DC) - CCS-Combo
Optional	Level II (AC) - J1772
Level III - Charging Time	7 - 16 hours
Level III - Charging Time	2.5-5 hours

CHASSIS

Front Axle	14,600-20,000 lb // Hendrickson
Rear Axle	Tandem Up to 40,000 lb // Dana
Suspension	Air Suspension // Hendrickson
Braking	Air Disc Brakes // Bendix



All-electric Class 8
Urban Truck

 LION ELECTRIC

Purpose-built to give you all the clean power you need.

Lion is building today's ultimate electric urban truck.

Designed and purpose-built to deliver goods, our zero-emission class 8 urban truck is efficient and sustainable, offering a powerful combination of unparalleled performance and exceptional savings.

Each fleet vehicle lightens the global GHG load by up to 100 tons per year.

Complete Customer 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

