

LION8

Refuse ASL



Technical Specifications

WEIGHT & DIMENSIONS

Cabin Length	79 in
Cabin Height	115 in
Wheelbase	220 or 244 in
Gross Vehicle Weight Rating (G.V.W.R)	Up to 60,000 lb

ELECTRIC POWERTRAIN

Top Speed	61 mph
Maximum Power	350 kW • 470 HP
Maximum Torque	3,400 NM • 2,500 ft-lb
Range	Up to 170 miles
Battery Capacity	Up to 336 kWh
ePTO	Available
Motor & Inverter	SUMO HD 800 VDC - 9 phases Dana/TM4
Transmission	Direct Drive • No Transmission
Level III - Charging time	Minimum 2 hours

CHASSIS

Front Axle	Up to 20,000 lb
Rear Axle	Up to 40,000 lb
Tag Axle	Available 13,000 lb
Suspension	Air / Spring / Rubber Hendrickson
Braking	Air Disc Brakes • Bendix



Multiple range offerings available

All-electric
Refuse Truck

 LION ELECTRIC

Power and efficiency, purpose-built to serve your collection needs now.

Lion is building today's first zero-emission truck with an all-electric automated arm and collection body.

The **LION8 – Refuse** is designed, created and manufactured to be electric. Its components require very little maintenance and further minimize its total cost of ownership.

Our all-electric class 8 refuse truck is running 100% emissions-free and significantly reducing the environmental load on our world.

The **Lion Experience**:

- 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 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

