

# Lion6

## Technical Specifications

### WEIGHT & DIMENSIONS

Wheelbase	195-212 in
Gross Vehicle Weight Rating (G.V.W.R)	26,000 lb

### ELECTRIC POWERTRAIN

Top Speed	65 mph
Maximum Power	250 kW // 335 HP
Maximum Torque	2,500 NM // 1,800 ft-lb
Range	Up to 180 miles
Battery Capacity	Up to 252 kWh
ePTO	Available
Motor & Inverter	SUMO-MD – 6 phases // Dana/TM4
Transmission	Direct Drive // No Transmission
Charging Type	
Standard	Level III (DC) – CCS-Combo
Optional	Level II (AC) – J1772
Level II – Charging Time	5 – 16 hours
Level III – Charging Time	2.5 – 6.5 hours

### CHASSIS

Front Axle	12,000 lb // Hendrickson
Rear Axle	19,000 lb // Dana
Suspension	Air / Spring Suspension // Hendrickson
Braking	Hydraulic / Air Disc Brakes // WABCO



All-electric  
Class 6 Truck

 **LION ELECTRIC**

# Supercharge your business with new clean power

Lion is building today's ultimate electric urban truck. Designed and purpose-built to optimize your operations.

The Lion6, all-electric class 6 truck, is efficient, sustainable and offers great performance.

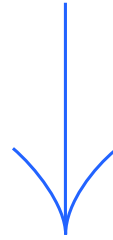
The Lion Experience:

- 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



# 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 II - 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



# Lion8

## Technical Specifications

### WEIGHT & DIMENSIONS

Cabin Length	79 in
Cabin Width	96 in
Cabin Height	107-110 in
Wheelbase	195-244 in
Gross Vehicle Weight Rating (G.V.W.R)	Up to 66,000 lb

### ELECTRIC POWERTRAIN

Top Speed	65 mph
Maximum Power	350 kW // 470 HP
Maximum Torque	3,400 NM // 2,507 ft-lb
Battery Capacity	Up to 336 kWh
ePTO	Available
Motor & Inverter	SUMO HD HV2500 - 9 phases // Dana/TM4
Transmission	Direct Drive // No Transmission
Charging Type	
Standard	Level III (DC) - CCS-Combo
Optional	Level II (AC) - J1772

### CHASSIS

Front Axle	14,600-20,000 lb // Hendrickson
Rear Axle	Up to 46,000 lb // Dana
Tag Axle	Available
Suspension	Air / Spring / Rubber // Hendrickson
Braking	Air Disc Brakes // Bendix



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.

#### 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



# Lion8

## Technical Specifications

### WEIGHT & DIMENSIONS

Cabin Length - BBC	79 in
Cabin Width	96 in
Cabin Height	107-110 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
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

### CHASSIS

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



All-Electric  
Utility Truck

 LION ELECTRIC

# Power ahead with the ultimate utility vehicle your world needs now.

Lion is building today's future-minded zero-emission urban trucks.

Purpose-built to lift your business farther and power your operations towards greater sustainability, efficiency and performance.

All 100% free of emissions and significantly reducing the environmental load on our world.

## 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.

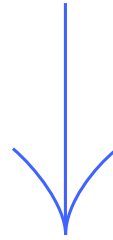


## Savings Electric VS. Diesel



# 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



# Lion8T

## Technical Specifications



### WEIGHT & DIMENSIONS

Cabin Length - BBC	79 - 103 in
Cabin Width	96 in
Cabin Height	107 in
Wheelbase	200-244 in
Combined Vehicle Weight Rating (C.V.W.R)	Up to 80,000 lb

### ELECTRIC POWERTRAIN

Top Speed	65 mph
Maximum Power	Up to 536 kW
Maximum Torque	5,300 ft-lb
Range	Up to 210 miles
Battery Capacity	Up to 588 kWh
ePTO	Available
Transmission	Direct Drive / No Transmission
Charging type	Level III (DC) - CCS-Combo
Level III - Charging Time	3-7 hours

### CHASSIS

Suspension	Front Springs - Air Suspension // Hendrickson
Braking	Air Disc Brakes // WABCO

All-electric  
Class 8 Tractor Truck

 **LION ELECTRIC**

# Power ahead with transportation innovation your world needs now.

Lion is building today's ultimate electric urban vehicles: purpose-built to optimize your day-to-day operations, plus ease your transition towards zero-emission transportation.

Our all-electric class 8 tractor truck, is efficient, sustainable and offers great performance. The Lion8T is running 100% emission-free and significantly reducing the environmental load on our world.

#### 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

