

Lightning **Electric** E-450 Type A School Bus



- ✓ Battery-electric vehicle
- ✓ Smooth, quick and quiet
- ✓ Elegant cabin integration with batteries fully under the floor
- ✓ Installation, maintenance and service performed by certified partners
- ✓ LightningAnalytics gives insight into usage and efficiency
- ✓ Available New or Repower

Let us put you in the driver's seat!

Phone: **1-800-223-0740**

Email: info@lightningemotors.com

The **Lightning Electric E-450** is a versatile and trusted platform equipped by Lightning eMotors with a state-of-the-art electric drivetrain which provides a quiet, smooth and familiar driving experience that your drivers – and students – will love.

Available in 80-mile and 120-mile range versions, this vehicle provides practical, reliable service while producing zero emissions on the road. Charging is simple and quick, with both Level 2 AC charging and DC Fast Charge supported.

We use the highest-quality components available, including our thermally-managed batteries which deliver the best range, efficiency and lifetime of any batteries in the market.



Zero emissions means cleaner air in communities you serve



Save vehicle downtime with no emission testing



Fewer parts means lower maintenance costs



Regenerative braking dramatically reduces brake wear



BEVs save money on fuel costs



Significant savings on operating costs

Lightning Electric E-450

Type A School Bus

Specifications

Base chassis	Ford E-450 Cutaway		
GVWR	14,500 lbs		
Wheelbase	158 in – 176 in		
Charging options	Level 2 AC (13.2 kW) and DC Fast Charge (up to 80 kW) with J1772 CCS1 Combo		
Driving range	80 miles	120 miles	
Battery capacity	94 kWh	125 kWh	
Charge time	5.5 hours (Level 2 at 13.2 kW) 1.5 hour (DC Fast Charge)	7.5 hours (Level 2 at 13.2 kW) 2 hours (DC Fast Charge)	
Payload capacity**	7,980 lbs (subtract weight of upfitter body and equipment to find usable payload)	7,200 lbs (subtract weight of upfitter body and equipment to find usable payload)	
Fuel cell option	Available		
Maximum speed	65 mph (electronically limited)		
Peak power	241 HP (180 kW)		
Torque rating (after transmission)	790 lb-ft (1071 Nm)		
Warranty	<ul style="list-style-type: none"> ✓ Base Chassis: Ford standard warranty ✓ EV Conversion: Lightning eMotors standard warranty (Powertrain and battery 5 year / 60,000 miles) 		
Analytics	<ul style="list-style-type: none"> ✓ Preventive Maintenance 	<ul style="list-style-type: none"> ✓ Range Analysis 	<ul style="list-style-type: none"> ✓ Driver Behavior

* All-electric range can vary depending on route or drive cycle, environmental conditions, vehicle or equipment configurations, and driver behavior.

** Payload and passenger capacity can vary and greatly depend on vehicle wheelbase, seating configuration, and other characteristics or features as delivered by the OEM or chassis manufacturer. Equipment added to the base chassis by aftermarket upfitters or equipment installers will also affect payload and passenger capacity.

Lightning’s team of fleet experts stand behind our work and provide exceptional customer service, from vehicle deployment and technical support to custom analytics reports and operator training.

Contact us today!

Phone: **1-800-223-0740 / +1 970-744-4047**

Email: **info@lightningsystems.com**

Vouchers up to \$99,000 per vehicle available now in California. Call today for expert incentives support!



* Lightning eMotors' EV kit is over 83% domestic origin by cost

July 2021. The information presented here may be subject to change at any time.

@ 2021 Lightning eMotors

info@lightningemotors.com

lightningemotors.com

