OVERLAND
CUSTOM COACH (2007) INC.

FLEETS POWERED BY LIGHTNING

LIGHTNING eMOTORS

Lightning Electric E-450 Shuttle, Cutaway & Stripped Chassis

- ✓ 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

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 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.

Let us put you in the driver's seat!

Phone: **519-461-1140**
Email: **contactus@overlandcustomcoach.com**

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

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Lightning Electric E-450

Specifications

Base Chassis	Ford E-450 Shuttle, Cutaway, Stripped Chassis	
GVWR	14,500 lbs (14,000 lbs for Stripped Chassis)	
Minimum Wheelbase	176 in	
Electric Vehicle Supply Equipment (EVSE) Compatibility	Level 2 AC (13.2 kW) and DC Fast Charge (up to 80 kW) with J1772 CCS1 Combo	
All Electric Range*	80 miles	120 miles
Battery Capacity	86 kWh	129 kWh
Charge Time	5.5 hours (Level 2) 1.5 hour (DC Fast Charge)	8.0 hours (Level 2) 2.25 hours (DC Fast Charge)
Payload and Passenger Capacity**	7,980 lbs Weight of body is part of total payload	7,200 lbs Weight of body is part of total payload
Maximum Speed	65 mph (electronically limited)	
Peak Power	241 HP (180 kW)	
Torque Rating (after transmission)	790 lb-ft (1071 Nm)	
Warranty	✓ Base Chassis: Ford standard warranty ✓ EV Conversion: Lightning eMotors standard warranty (Powertrain and battery 5 year / 60,000 miles)	
Analytics	✓ Preventive Maintenance ✓ Range Analysis ✓ 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 could also affect payload and passenger capacity.

COMPLIANT WITH BUY AMERICA Federal Transit Administration *

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

COMPLIANT WITH BUY AMERICAN Federal Aviation Administration *

* Satisfies conditions (A) & (B) of Title 49 U.S.C. § 50101(b)(3)

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: **519-461-1140**
Email: **contactus@overlandcustomcoach.com**

Up to $60,000 per vehicle vouchers available now in California. Call today for expert incentives support!

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

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