



ALL-ELECTRIC SHUTTLE BUS

FEATURES & BENEFITS

- › Up to 85% operating and maintenance savings
- › Proprietary 5th generation technology
- › Commercially-proven lithium-ion battery packs
- › Over 140 vehicles and 1.4 million miles driven
- › Independent battery control improves reliability and performance
- › Over-the-air software updates for new features and functionality

EPIC E-450 CHASSIS SPECIFICATIONS

OEM PLATFORM	Ford E-450
MAX GVWR	14,500 lbs
BATTERY TECHNOLOGY	Lithium-ion
BATTERY CAPACITY	127 kWh
RANGE	105 miles
MAX SPEED	65 mph
OVERALL LENGTH	23' to 26'
PEAK MOTOR TORQUE RATING	1,190 Nm / 870 ft-lbs
GRADEABILITY	17%
REGENERATIVE BRAKING	Standard
PASSENGER COUNT	Up to 18 passengers, with multiple floorplans and ADA available
LEVEL 2 AC CHARGING	Up to 19.2 kW / J1772
50% CHARGE TIME	~3.75 hours
100% CHARGE TIME	~8 hours
LEVEL 3 DC FAST CHARGING (Optional)	60 kW / CCS



EPIC E-450

Motiv has been electrifying the E-450 since 2015, with vehicles on the road with customers such as USPS, Google, UCLA, and dozens of schools across the USA.

The EPIC E-450 comes with three lithium-ion battery packs, our patented AdaptEV™ software platform, and our next-gen Adaptive Battery Controller®.