



## MOTIV-POWERED ALL-ELECTRIC SHUTTLE BUS



### E-450 CHASSIS SPECIFICATIONS

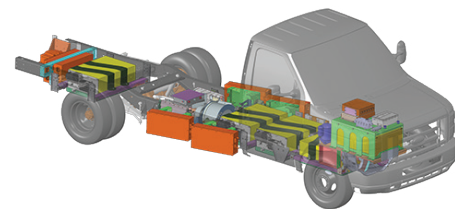
BASE CHASSIS	Ford E-450
GVWR	14,500 lbs
RANGE	Up to 90 miles
BATTERY CAPACITY	85 / 106 / 127 kWh
POWER	150 kW / 200 hp
TORQUE	1,200 Nm / 885 ft-lbs
GRADEABILITY	17%
TOP SPEED	60 mph
50% CHARGE TIME	2 hours
75% CHARGE TIME	4 hours
100% CHARGE TIME	8 hours
CHARGE VOLTAGE & POWER	208V, 25 kW
AMBIENT TEMPERATURE	-30° to 120°F

### FEATURES & BENEFITS

- Over 275,000 miles driven
- 85% reduction in operating costs
- 66% reduction in maintenance costs
- Single powertrain solution compatible with all chassis length and wheelbase options
- Road proven, high reliability system
- Enables immediate EV solution with no chassis modifications
- Flexible inhibit function provides compliance with all local drive inhibit regulations
- Multi-zone heating and air conditioning supported
- Driving performance equivalent or superior to existing diesel chassis



ALL-ELECTRIC SHUTTLE BUS



MOTIV-POWERED FORD E-450 CHASSIS

### ABOUT MOTIV POWER SYSTEMS

Founded in 2009 and based in Foster City, California, Motiv Power Systems designs and builds **All-Electric Powertrains** for commercial medium and heavy-duty trucks and buses. The powertrains are based on commercially-available, proven-reliable common parts like battery packs, motors, and high voltage accessories configured to meet the diverse needs of the commercial vehicle industry. Common vehicle types from these builders include work, delivery, and refuse trucks, as well as school and shuttle buses.

**As the only Ford Qualified Vehicle Modifier-approved provider of all-electric powertrains for commercial trucks and buses,** Motiv partners with existing truck builders who manufacture electric versions of their traditional fossil-fueled vehicles on their current assembly lines using the Motiv All-Electric Powertrain. The award-winning Motiv All-Electric Powertrain is installed at the time of vehicle manufacture, similar to a natural gas or propane upfit. For more information, please visit [www.motivps.com](http://www.motivps.com) and follow us on Twitter @motivps, Facebook, and LinkedIn.