



Step vans are great candidates for electrification, due to their last-mile, fixed route operations and return-to-depot patterns. All-electric step van fleets can include large parcel/delivery, linen/uniform, food/beverage, and specialty applications such as food trucks, bookmobiles, medical, and more.

Motiv Power Systems has been electrifying step vans serving communities as the backbone of modern commerce since 2015. Fleet customers include Purolator, Cintas, AlSCO, Aramark, Bimbo Bakeries, USPS, and more.

Features & Benefits

- » Up to 85% operating and maintenance savings
- » Proprietary 5th generation technology
- » Commercially proven battery packs
- » More than 170 vehicles and 1.8 million miles
- » Independent battery control improves reliability, range, and performance
- » Over-the-air software updates
- » Lift gate control and interlock support
- » Multiple body configurations available
- » Proprietary Hill Hold technology ensures vehicle and driver safety
- » Manual parking brake for state and federal compliance
- » Unique redundant high voltage safety systems protect operator and vehicle
- » Proprietary AdaptEV™ and Adaptive Battery Controller (ABC) manage battery temperatures to optimize charging, cold weather performance, and safety
- » Customizable regenerative braking settings for maximum range and operator comfort
- » Unique Electronic Stabilization Control helps prevent roll over or skidding during sudden deceleration

EPIC4 Vehicle Specifications

OEM PLATFORM*	Ford E-450
MAX GVWR	14,500 lbs
BATTERY TECHNOLOGY	Lithium-ion
BATTERY CAPACITY	127 kWh
RANGE AT MAX GVWR	105 miles
MAX SPEED	65 mph
OVERALL LENGTH	24'
PEAK MOTOR POWER RATING	295 kW / 394 hp
PEAK MOTOR TORQUE RATING	1,190 Nm / 870 ft-lbs
GRADEABILITY	17%
REGENERATIVE BRAKING	Standard
PASSENGER COUNT	Up to 24 passengers, with multiple floorplans and ADA available
LEVEL 2 AC CHARGING	19.2 kW / J1772
50% CHARGE TIME	~2.5 hours
100% CHARGE TIME	~8 hours
LEVEL 3 DC FAST CHARGING (Optional)	60 kW / CCS

*Additional OEM platforms available soon. Ask your Motiv representative.



Additional Options

- » Leasing and financing
- » Charging infrastructure and installation

Built with our Partners



About Motiv Power Systems

Founded in 2009 and headquartered in the San Francisco Bay Area, Motiv Power Systems delivers medium-duty commercial all-electric trucks and buses, along with charging infrastructure and guidance for deploying commercial fleets. Specializing in step vans, shuttle buses, and box trucks, Motiv is an innovative provider of daily-use zero-emission vehicles for moving people and goods with 98% uptime and intense customer-driven focus.

The company's solutions not only offer fleets up to 85% operations and maintenance cost savings but also provide operators and riders a healthier and more comfortable experience without polluting the communities they serve. For more information about the company's products, services, or career opportunities, please visit motivps.com.



For more information

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