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Lightning Systems Debuts New All-Electric, Zero-Emission Ford F-59 Model, electrifying delivery vans and food trucks

LOVELAND, Colo., April 30, 2019 – Lightning Systems, a global developer of zero emission drivetrains for commercial fleets, today announced new battery-electric powertrain options for the Ford F-59 Model to support its customers with delivery and food truck applications.

The new Lightning Electric powertrain for the Ford F-59 chassis is available for all F-59 variants – which range from 16,000 to 22,000-pound gross vehicle weight rating (GVWR) configurations. Lightning has already received orders for early production units, and deliveries will begin this summer.

This powertrain is the fifth powertrain now available in the Lightning product line. “We now offer the broadest range of electric powertrain products in the industry, with high-quality zero-emission powertrains available for commercial and government fleets on Class 3 through 7 Ford, GM, and city bus platforms that are readily available and supported by a large number of service partners, upfitters, and accessory lines,” said Tim Reeser, CEO, Lightning Systems.

“Our top priority is to offer fleets high-quality, elegantly engineered zero emission solutions on platforms that they already use extensively,” Reeser said. “Our customers have been asking for this platform because the Ford F-59 chassis is economical, high quality, and widely used by our customers in delivery truck and food truck applications.”

The new Lightning Electric Ford F-59 model will offer peak power of 180 kW (241 HP). Torque is rated at 1071 Nm, (790 lb-ft). There is a five-year, 60,000-mile warranty on the powertrain with maintenance performed by trained local dealers. Vehicle vouchers and incentives are available in many states.

The Lightning F-59 offers two range variants – either 80 or 110 miles – with a modular, state-of-the-art, thermally-managed lithium ion battery systems with 96 or 128 kWh respectively. The battery system will accommodate a full charge in under two hours for 80 miles of range and a

little over 2 hours for the 110-mile range version with DC Fast Charging. The powertrain supports full regenerative braking, with industry-leading efficiency that adds range while reducing wear and tear on the friction brakes. The vehicle comes with Lightning Analytics, the leading electric powertrain telematics-analytics system that provides detailed reporting on key vehicle efficiency and operating metrics critical to fleet optimization.

In addition to the new all-electric F-59, existing vehicles can be repowered to become zero emission vans and trucks with the Lightning powertrain.



Lightning Electric is available for the Ford F-59 as part of Ford's eQVM (Advanced Fuel Qualified Vehicle Modifiers) program. Ford's vehicle warranty covers the base chassis for vehicles with the Lightning drivetrain. Ford QVM participants perform installations and service. Last year, Lightning Systems began deliveries of the Lightning Electric upfit for the heavy-duty Ford Transit, which is also covered by Ford's eQVM program.

QVM is Ford's quality recognition given to aftermarket adaptive equipment installers that meet manufacturing guidelines and best practices. Ford's thorough QVM qualification process includes on-site assessments at each location to verify the operation meets manufacturing, assembly, workmanship, customer service, and quality requirements, and that it has processes in place to produce vehicles that meet federal regulations.

About Lightning Systems

Lightning Systems designs and manufactures zero emission all-electric powertrains for commercial fleets – from Class 3 Ford Transit vans to Class 6 work trucks and class 7 and 8 city buses. All Lightning products are available today. The Lightning team works with forward-thinking fleets to provide the right electric powertrain on the right chassis in the right drive cycle. Lightning's products improve a fleet's operating costs and safety, and ensure they are driving the cleanest and most advanced technology available.

To learn more, visit www.lightningsystems.com.

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