



**FOR IMMEDIATE RELEASE**

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## **Lightning Systems Accepting Orders for New Zero-emissions LightningElectric for Ford Transit; Announces Specs, Pricing**

*Full-electric system available for passenger wagon, cargo van, cutaway, chassis cab models*

LOVELAND, Colo., Oct. 26, 2017 – Lightning Systems, a global developer of efficiency and emissions improvement solutions for fleets, today announced it is accepting pre-orders for its new zero-emissions LightningElectric system for Ford Transit.

The LightningElectric battery conversion package is available for Ford Transit as part of Ford Motor Company's eQVM program. The product will be available first on heavy-duty Transits with a 10,360-pound gross vehicle weight rating (GVWR). Conversions and service are performed by Ford QVM-certified upfitters and dealers around the world.

In the United States, the electric-vehicle conversion is \$69,000 for vehicles with an electric range of 50 miles and \$89,000 for vehicles with a range of 100 miles. Deliveries will begin in early 2018. Vouchers and grants are available in some regions for zero-emissions vehicles.

"The new LightningElectric is an excellent choice for commercial and government fleets that would like a zero-emissions product that uses no fuel, but gets the job done with no compromises," said David Brosky, vice president of sales for Lightning Systems. "The braking and acceleration feels like a gasoline-powered Ford Transit. The vehicle is smooth and quiet with excellent performance and will please both drivers and passengers."

Ford's vehicle warranty covers the base chassis for vehicles with the LightningElectric upfit, and Ford Motor Credit financing is available. Installation can be completed in just hours by certified installers. Featuring a state-of-the-art, liquid-cooled Lithium-Ion battery system from a volume-ready world-class battery supplier, LightningElectric will accommodate full charging in six hours with Level 2 charging and less than thirty minutes for DC fast charging. Depending on battery option and drive cycle, LightningElectric will have a payload capacity of up to 4,000 pounds.

Lightning Systems worked with New Eagle on the design of the LightningElectric system for the Ford Transit. New Eagle specializes in mechatronic controls, which are the electronic brains that drive mechanical systems, and is a leader in the application of model-based design into real-time embedded systems in the fields of autonomy, electrification, hydraulics, and engine systems.

Longmont, Colo.-based UQM Technologies has been chosen by Lightning Systems as its strategic electric-vehicle propulsion system supplier for its EV platforms. UQM will provide powertrain components for LightningElectric, including the gearbox, an electric motor and the inverter, as well as software controls for optimum performance and efficiency.



Lightning Systems, formerly known as Lightning Hybrids, is a fast-growing, global fleet solutions company with headquarters in Loveland, Colo. A variety of new Lightning Systems' efficiency and emissions improvement innovations are being introduced over the next two years to support commercial and government fleets.

Earlier this year, Ford named Lightning Systems one of the first to achieve eQVM status (Advanced Fuel Qualified Vehicle Modifiers) for its LightningHybrid system, a hydraulic hybrid energy recovery system that offers 50 percent NOx reductions and up to 25 percent fuel savings for urban drive cycles. Applications include delivery trucks, shuttle and paratransit buses, refuse trucks, and rear-engine transit buses. The system is available now, worldwide on more than 25 platforms.

Both the LightningElectric and LightningHybrid systems are certified by Ford's new eQVM program. The program helps fleet and commercial customers meet their unique and specific needs for durable, reliable advanced technology work trucks that retain the original powertrain warranty and utilize Ford's vast dealer service network.

LightningAnalytics, a new cloud-based analytics system that provides drive, route and predictive vehicle health scoring for maximum range and efficiency, is available as an option on every LightningElectric vehicle. The analytics system provides fleets with real-time information to operate their fleet at peak efficiency. LightningAnalytics also is available with the LightningHybrid system, and is available as a standalone product with a variety of modules to provide efficiency solutions to fleets.

**About Lightning Systems**

Lightning Systems, based in Loveland, Colo., is a leader in efficiency and emissions improvement solutions for fleets around the world. The company’s products include: LightningElectric, a zero-emissions full-electric fleet vehicle; LightningAnalytics, a cloud-based analytics system for fleet vehicles; LightningHybrid, a hydraulic hybrid energy recovery system for medium- and heavy-duty vehicles; and a variety of other fleet fuel efficiency and emissions improvement products to be introduced in 2018 and 2019. To learn more, visit [www.lightningsystems.com](http://www.lightningsystems.com).

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**LightningElectric Zero Emissions Ford Transit EV Conversion**

- No Compromise Performance – fast, smooth and quiet
- Deliveries start February 2018
- Conversions performed by QVM-certified upfitters
- Ford Motor Credit financing available
- Vouchers and grants available, call today for expert support

**Specifications**

Base Chassis	Ford Transit 350HD Passenger Wagon, Van, Cutaway, Chassis Cab	
GVWR	10,360 GVWR	
Electric Range	50 miles	100 miles
EV Conversion Price	\$69,000	\$89,000
Charge Time	6 hours (Level 2) .5 hours (DC Fast Charge)	12 hours (Level 2) 1 hours (DC Fast Charge)
Payload (depending on vehicle configuration)	2,000 – 4,000 lbs	2,000 – 3,000 lbs
Maximum Speed	55 mph (electronically limited)	
Warranty	<ul style="list-style-type: none"> <li>✓ Base Chassis: Ford standard warranty</li> <li>✓ EV Conversion: Lightning Systems standard warranty</li> </ul>	
Options	<ul style="list-style-type: none"> <li>• DC Fast Charge (50kW)</li> <li>• Analytics (predictive maintenance, route scoring, range analysis, driver behavior, geofencing)</li> <li>• Extended warranty up to 8 years</li> <li>• Upgraded 12V battery system doubling capacity to support additional accessories</li> </ul>	