



MT E-CELL All-Electric Delivery Van

Driven By You

MORGAN
OLSON



Freightliner Custom Chassis Corporation, Morgan Olson and Enova Systems are proud to introduce the MT E-CELL All-Electric Delivery Van. This all-new delivery van combines modern aerodynamic styling with a range of up to 100 miles and the productivity of a traditional walk-in van.

Body Features & Benefits

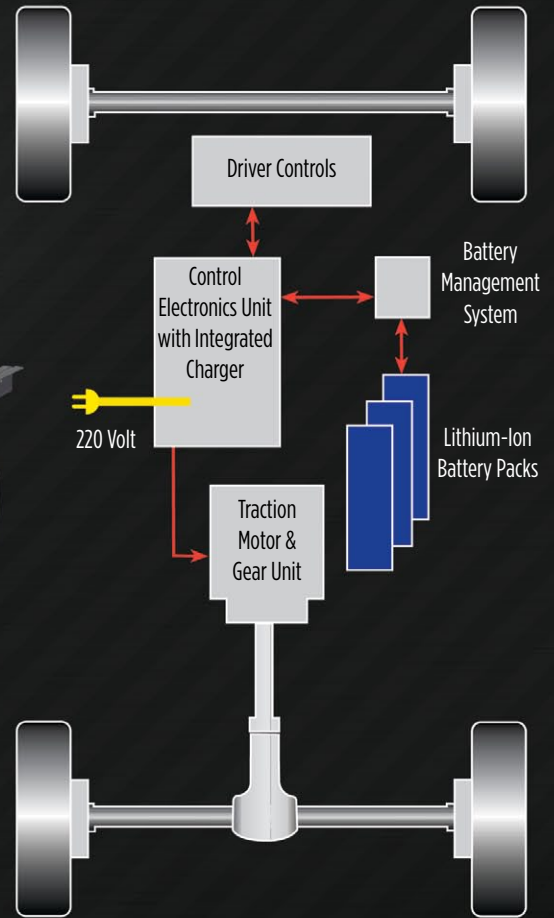
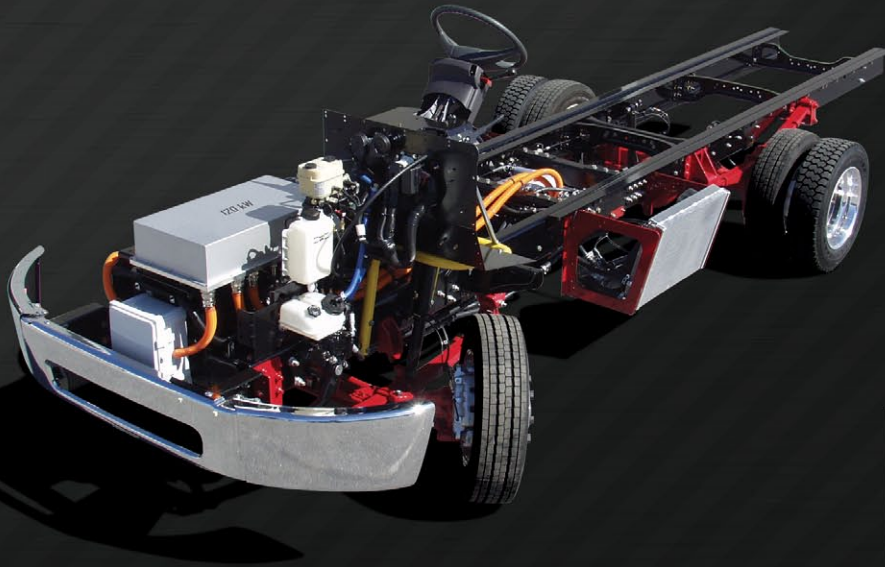
- **Improved aerodynamics**—new exterior styling includes a one-piece bonded windshield for outstanding visibility, aero headlamps, integrated wiper and cowl design, soft bumper cover and recyclable composite body panels
- **Interior design**—integrated HVAC system, dash messaging system, finished headliner and automotive interior trim panels for driver comfort
- **Quick and convenient driver access**—through side doors in the cabin, not the load compartment. Major fleets prefer entry to the cab for increased safety and productivity
- **Light weight**—body combines high strength, fully recyclable composite panels with an all-aluminum floor, reducing the total body weight by 500 lb. over conventional bodies
- **Honeycombed panel construction**—reduces road noise while increasing load capacity
- **Body design**—all new hood and body design provides for easy access to key maintenance points

MT E-CELL Chassis Features & Benefits

- **Zero fuel usage**—all-electric system on the new chassis model eliminates the need for fuel. That means zero fuel costs, saving customers up to \$15,000 annually per vehicle compared to traditionally powered vehicles
- **Zero emissions**—100-percent electric plug-in technology means absolutely no emissions, significantly reducing the carbon footprint of fleets and businesses
- **Impressive power and performance**—120kW drive motor offers better start-up acceleration than other engines, and features a top speed of 65 miles per hour
- **Outstanding range**—proven battery system that provides an operating range of up to 100 miles per charge
- **Quick recharge**—the battery system needs only 6 to 8 hours charging time, so operators can plug it in at the end of the day and it will be fully charged and ready to go the next morning



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MT E-CELL All-Electric Technology

- Electric motor receives power from a series of lithium-ion batteries
- The control electronics unit includes the DC-DC converter, inverter, main motor controls and integrated on-board charger
- Battery system powers a 120kW electric motor and single-speed gear which engages and turns the driveshaft
- Power brakes and power steering are driven by the electrical system
- Battery system charges through standard 220-volt outlet and needs only 6 to 8 hours to reach a full charge

Bottom line: Through a successful strategic partnership with Enova Systems and Tesla Motors, Freightliner Custom Chassis is at the forefront of alternative-power solutions for today's commercial vehicles. Offering durability, zero emissions and thousands of dollars in fuel savings, the new MT E-CELL chassis from FCCC is the most innovative addition to our growing line of chassis options.

Tested, proven technology. Driven by you.

See your local Freightliner Dealer or call us at 1-800-545-8831 for details. You can also visit our Web site at freightlinerchassis.com.