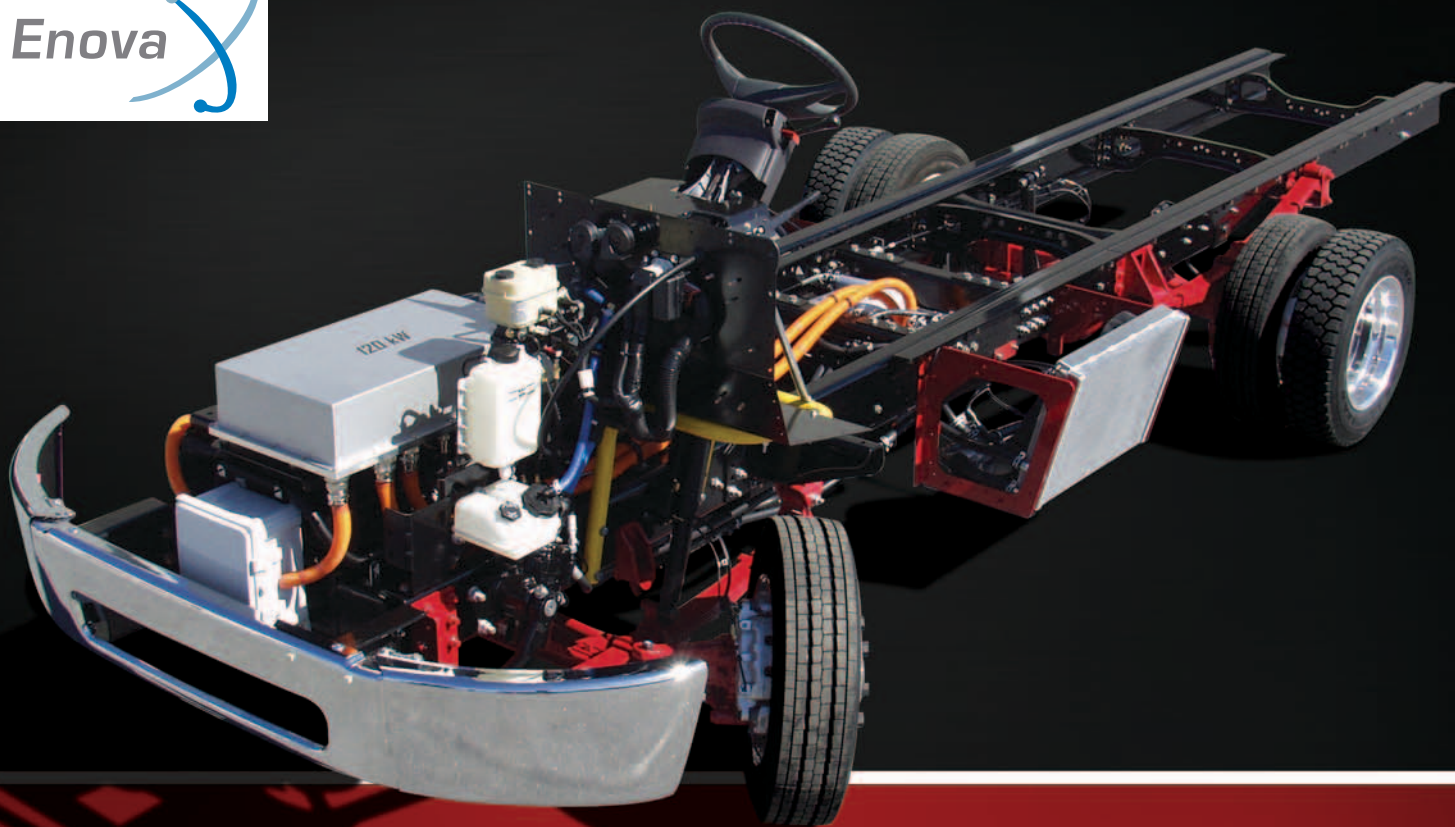




# All-Electric Power

## WALK-IN VAN CHASSIS



## Innovative technology and environmental stewardship from Freightliner Custom Chassis Corporation (FCCC)

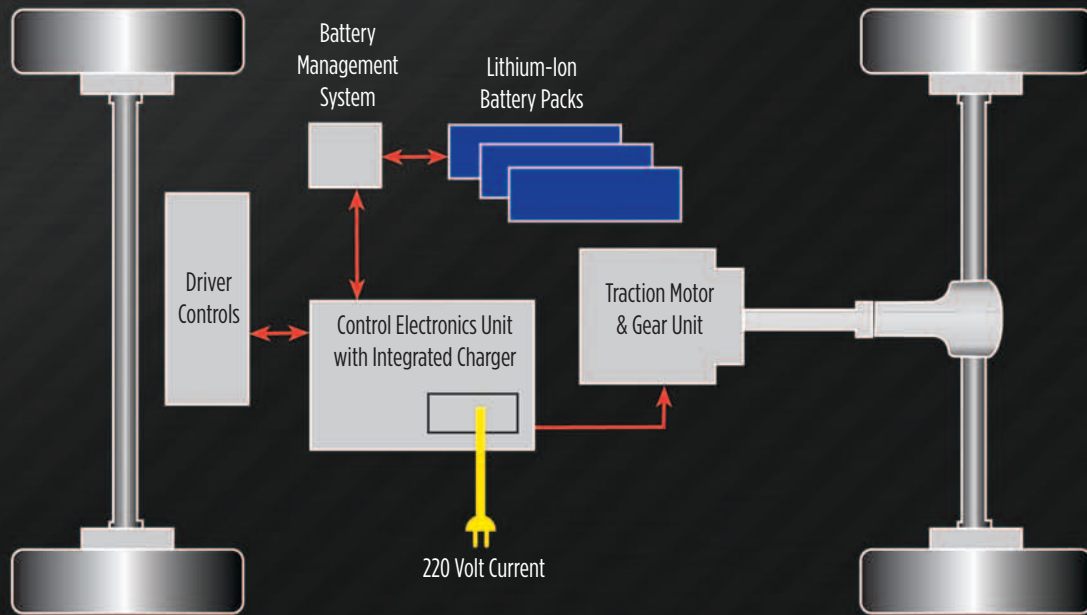
FCCC, in partnership with Enova Systems, has taken the next step in alternative-power technology with the revolutionary plug-in all-electric walk-in van chassis, giving the commercial vehicle industry its first emissions-free transportation option.

- **Zero fuel usage**—The 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 and no concerns about miles per gallon.
- **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**—Battery system from Tesla Motors means an up to 100-mile drive range per charge.
- **Quick recharge**—The battery system needs only 6 to 8 hours to go from fully depleted to fully charged, meaning operators can plug it in at the end of the day and it's charged and ready to go the next morning.
- **No sacrifice in comfort or quality**—The all-electric chassis' HVAC system is powered through the battery system, offering all the comforts of a traditionally powered vehicle with zero emissions.
- **Significant noise reduction**—Lack of internal combustion engine provides an incredibly quiet ride.
- **More than a concept**—The all-electric chassis is currently being tested in real-world conditions and will be production-ready in the first quarter of 2011.

Read on to see how this revolutionary technology works.



Driven By You



# All-Electric Technology

- Electric motor receives power from a package 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 all-electric 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](http://FREIGHTLINERCHASSIS.COM).