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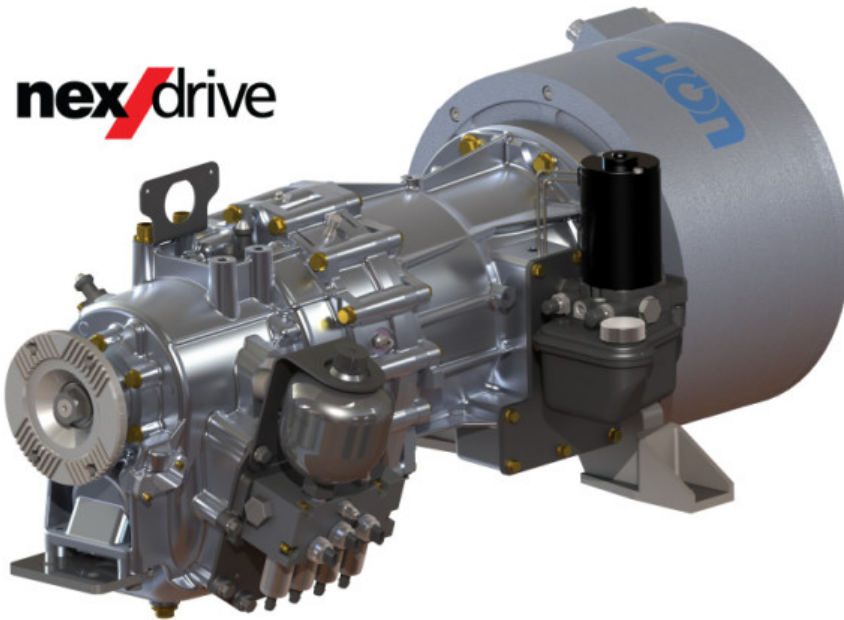
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Kinetics & Efacec for All-Battery Buses

May 27, 2014 in *Companies, Electric Drive, EVs* by Rich Piellisch | No Comments

Design Effort will Use UQM-Powered NexDrive Integrated Unit

British Columbia's Kinetics Drive Solutions reports a partnership with Portugal's Efacec Electric Mobility to develop "reliable, robust and efficient full-vehicle propulsion systems" for electric buses for Europe. *updated with new contact information on May 28*



Kinetic's UQM-powered NexDrive unit will aid in the development of simpler battery electric buses by Portugal's Efacec.

The goal is to provide bus OEMs with an integrated system that can be applied to different vehicles "with minimal engineering development."

"Efacec's first electric bus with the NexDrive solution will be deployed for field operation in July," states a Kinetics release.

The design is to incorporate Kinetics' NexDrive EV3-850 intelligent 3-speed dual clutch transmission, which itself employs PowerPhase HD brand electric motors and controllers from Colorado's UQM Technologies (F&F, April 22).

'We Are Able to Deliver in a Shorter Time a Complete Technology'

"By working with Kinetics we are able to deliver in a shorter time a complete technology suit to enable our bus partners to response quickly to market demands," Efacec managing director Pedro Silva says in the Kinetic announcement. "We see a synergy between both organizations' expertise whereby Efacec provides the energy system and charging, vehicle control strategy and Kinetics, the drive system," he said.

"With this partnership, Efacec compliments its scope of the energy part of an electric bus, with a drive system that is fully automated and specifically designed for electric traction," Kinetics says. "Efacec provides the overall controls strategy, energy systems and both onboard and off-board charging solutions, and incorporates

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systems from its selected partners of batteries and drive systems.”

“This collaboration is another example of Kinetics working with leading organizations to deliver innovative and reliable solutions for the electric bus market,” said Kinetics sales and marketing director Gordon Osborn.

Kinetics Drive Solutions is a unit of Singapore Technologies Engineering.

Contact information is only available to premium subscribers. Click here to purchase a subscription.

Source: Kinetics Drive Solutions with Fleets & Fuels follow-up

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