

Universals LTD to Unveil a Fully Electric Minibus with a 300 km WLTP Range, Based on the Mercedes-Benz eSprinter Platform

Universals LTD, a distinguished name in the automotive industry and a proud holder of the prestigious MERCEDES VAN Partner status, is on the verge of reshaping urban transportation. The company is set to introduce a groundbreaking fully electric minibus, built upon the dependable Mercedes-Benz eSprinter platform. This remarkable vehicle boasts an impressive 300 km WLTP range, a development that's poised to establish new benchmarks in the realm of electric mobility.

In the quest to redefine the electric minibus experience, Universals LTD has undertaken two significant enhancements. Firstly, a custom-designed, robust 110 kWh battery pack has been ingeniously fitted within the footprint of the OEM battery. This technological feat substantially extends the minibus's autonomy on a single charge, offering a remarkable 300 km range. Moreover, the integration of a reinforced rear axle has elevated the gross mass to 5300 kg, enabling the minibus to comfortably accommodate up to 20 passengers.

Universals LTD has strategically collaborated with industry experts in vehicle electrification, ELECTRIFY (www.electricbus.lv) and Drive eO (www.driveeo.com). This collaboration harnesses decades of experience and innovation, positioning the electric minibus at the forefront of sustainable transportation solutions.

At the heart of this innovation is an upgraded battery pack that employs LG NMC modules, delivering superior energy density compared to the OEM solution. This advanced battery technology not only enhances performance but also propels urban transportation towards a cleaner, more sustainable future.

Selecting the Universals LTD minibus offers distinct advantages, including unparalleled service and maintenance support. These minibuses can be serviced within the extensive Mercedes-Benz service network, guaranteeing convenience and reliability for operators. Long-term availability of powertrain spare parts provides peace of mind for years to come. Additionally, customers will enjoy the full range of eSprinter systems, encompassing the Electronic Stability Program and battery thermal management.

In a collective commitment to environmental sustainability, Universals LTD, in collaboration with ELECTRIFY (www.electricbus.lv) and Drive eO (www.driveeo.com), is presently engaged in the development of hydrogen (H₂) solutions. In the near future, these minibuses will be equipped with electricity generators capable of being powered by environmentally friendly fuels such as H₂, bioethanol, or eAmmonia. This forward-looking approach aligns perfectly with the dedication to explore alternative energy sources and reduce the carbon footprint.

In summary, Universals LTD's fully electric minibus, grounded in the Mercedes-Benz eSprinter platform, marks a significant leap forward in sustainable urban transportation. With its extended range, cutting-edge technology, and unwavering commitment to service excellence, it is poised to redefine the way cities move.