

Olectra charges Busworld with E-Bus

Olectra-BYD has launched its first luxury mini electric bus. Manufactured in India, the zero-emission electric bus eBuzz K6 LuXe is first electric Bus in its category in the country. The bus is aimed at providing a luxurious travel to high end commuters while using alternate form of energy. Another variant of K6 with 22 seats was launched on World Environment Day earlier this year, and have been exported to Nepal, and is available for Indian markets as well.

7-metre Bus

The 7-metre aesthetically designed Air-Conditioned luxury coach has a seating capacity of 11 + D (Driver), offering highly comfortable rides to the commuters - be in on the smooth roads, patchy roads, hilly terrains or meandering routes. These Electric Buses are manufactured in India by Olectra Greentech Ltd. in a strategic tie-up with BYD Auto Industry Co. Ltd - world's largest electric vehicle company.

The 7-meter Air-Conditioned bus with a monocoque chassis offers power up to 180 KW and 1800 Nm torque equipped with Front and Rear Air suspension. The premium recliner leather seats provides extra cushioning to the passengers and makes even a long-distance travel comfortable.

eBuzz K6 LuXe also offers industry leading safety features including Front and Rear Disc Brakes with ABS, CCTV Surveillance, real time tracking, Passenger Information system, seat belts, Short circuit protection, battery over-temperature protection and lightning protection, which makes it one of the safest travel options. It can be driven consistently at Max speed of 80 kmph as per the Motor Vehicle Act guidelines.

Lithium-ion

The *lithium-ion* (Li-ion) Battery installed in the bus enables the bus to travel up to 200 plus kms in a single charge. It also offers the option of regenerative braking which enables the bus to recover part of the kinetic energy lost in braking. The battery can be fully recharged in

between 3-4 hours. The ebuzz K6 LuXe is built as per AIS 052 and UBS-II Specification as prescribed by the Automotive Research Association of India (ARAI).

N K Rawal, Managing Director - Olectra Greentech Ltd. said, *"Olectra-BYD has been pioneer in the Electric Public Transport System in India. The new eBuzz K6 LuXe enables us to tap the high-end customers looking for an eco-friendly and comfortable road transport option. We are proud to enable the country to adopt Electric Mobility much faster and reap the benefits of our eco-friendly Zero emission electric Buses which are also equipped to travel in any kind of terrains as present in the diverse geographies in the country."*

According to Anand Swaroop, Chief Operating Officer, Olectra Greentech, the company has supplied 25 electric buses to HRTC and 6 electric buses to BEST. Recently, Olectra-BYD emerged as the winner for the bids to supply 200+ Electric Buses to various major STUs.

The company had also launched eBuzz K9 and eBuzz K7 which are 12m and 9m respectively. K7 is India's first commercially running Electric Bus which started operating in September 2017 between Kullu-Manali under Himachal Roadways Transport



Corporation (HRTC) for the public. Recently, it has started its operations between Manali-Rohtang pass also. The company is also running its Electric Bus eBuzz K7 in Mumbai under Brihan Mumbai



Electricity Supply and Transport Undertaking (BEST). Apart from this the 12 m variant, K9 has successfully completed its trials in Bangalore, Delhi, Chandigarh, Goa, Rajkot, Hyderabad, etc.

3,00,000 Kms

Olectra-BYD buses have completed more than 3,00,000 Kms on Indian roads. *Olectra-*

Established in 2000, Olectra Greentech Limited (a public listed company - OLECTRA), is the largest manufacturer in India for Silicone Rubber/Composite Insulators for power transmission and distribution networks. With a strong legacy of over 17 years in Electrical product segment, the company ventured into manufacturing of Electric Buses in 2015 under a tie up with BYD Auto Industry Co. Ltd.

Olectra-BYD's state-of-the-art buses were India's first Electric buses certified by Automotive Research Association of India (ARAI). The company also has a distinction of being the only company in the country presently having its Electric buses fleet operational for the passengers. The company has manufacturing facilities near Hyderabad for its Electric Buses.

BYD electric buses have reduced CO2 emissions up to 320 tonnes till now which would have required 1600 trees instead.