



LexSWITCH™

Decarbonization & Sustainability



By LEXBUILD MOTORS PTE LTD



LexSWITCH™

FULLY ELECTRIC CITY BUS

CONCEPT MODEL LEXSWITCH E12SD

LexSWITCH new zero emission bus fleet solution is here. This concept bus showcases low floor, 3 doors and streamline design. The optimised interior layout provides the best daily commuting experiences for its passengers. Safety, comfort and ergonomic designs are the cores of LexSWITCH. While we continue to connect people from places to places, we take on the mission to decarbonise and strive for a sustainable future.

Technical Data



Overall Length	12000 mm
Overall Width	2550 mm
Overall Height	3300 mm
Wheel Base	5850 mm
Front Overhang	2750 mm
Rear Overhang	2400 mm
Unladen Weight	13,000 kg
Gross Vehicle Weight	19,000 kg
Max. Seating Capacity	24+1 (driver)
Max. Standee Capacity	58
Embedded System Energy	348 kWh
Driving Range	210 km
Turning Circle	23 m

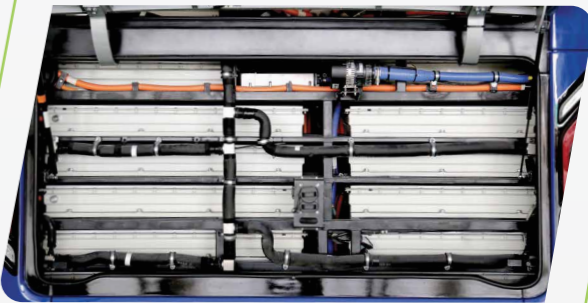
Chassis

Structural	SUS Stala Tube EN 1.4062 Chassis LexBuild Aluminium Series 6082 Body
Driving Motor and Control	VOITH Electrical Drive System
Battery and Power Management System	Forsee Power NMC Battery with Water Cooling System
Charging Port	CCS2 European DC Standard Charging
Axles	ZF Axle
Suspension	Air suspension with automatic levelling control and ECAS
Odometer	ACTIA
Braking and ABS	WABCO
Tyre Size	275/70R22.5

Body



A/C System	DENSO Air Condition and compressor
Glass	Tempered Glass With Break Assistant
Door	SMC Double Leaf Passenger Door
Wheelchair Ramp	SMC Ramp System
Electronic Display Signs	LED Display: Front, Side and Rear
Passenger Information Display System	LCD Display for Exterior and Interior
Rear View Mirror	Vision Systems Rear View Camera Monitoring System
CCTV and Driver Assistant Systems	TNT system





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