

STREETDECK BEV 6x2 | ELECTROLINER 2.0



Accessibility

- Ventura book leaf or powered ramp available at either entrance or centre exit door.
- 1 -2 wheelchair spaces

Axles

- Front Axle: ZF RL82
- Drive Axle: ZF AV132 6.19:1 ratio
- Tag Axle: ZF RL82

Air Conditioning

- Denso EDD GD5 full electric with saloon fixed vents and passenger seat adjustable vents and EAC

Batteries

- CATL BC5
- Power capacity adapted to operation, up to 528kWh.

Battery Charging Systems

- CCS2.0 compliant Combo 2 Socket
- Up to 150kW/200A plug-in charge rate available
- Option: 380kW/500A Plug-in charging with high powered charging box

Body Structure

- Aluminium bolted structure with bonded exterior panels and lifetime warranty

Charging

- CCS2 500A. with single or double capable of charging at up to 300kW

Chassis Structure

- Steel hollow section tube and channel section, corrosion protected for minimum 20-year service life*

Destinations

- Hanover or Luminator front, side and rear LED destinations

Doors

- Ventura IG4 in-swing glide (entrance) and plug slide (exit) with sensitive edge

Dimensions (MM)

- Height: 4,300
- Length: 11,990mm (11,300 & 12,500mm options available)
- Overhang front: 2,490
- Overhang rear: 2,800
- Wheelbase / Bogey Spread: 5,200 / 1,500
- Width: 2,500
- Approach Angle (deg): 7.5
- Departure Angle (deg): 8.0

Driver's Cab

- Compliant with ISO 61212 for ergonomic comfort (Protection screen available as an option)

Driver's Seat

- KAB 414 driver's suspension seat with 3-point seatbelt

Drivetrain

- Voith VEDS with regenerative braking

Electrical

- Fully multiplexed Continental Kibes 5 system

Electric Drive System

- Traction Batteries: CATL BC5, power capacity adapted to operation, up to 528kWh (other options available)
- Rated Voltage / Current: 744V / 400A.
- Charging: 2 x CCS2 charging sockets @ 250kW / 300A for simultaneous charging
- Torque: 2070Nm @ 1200rpm (rated); 3100Nm (max)
- Power: 260kW @ 1200rpm (rated); 400kW (max)
- Maximum speed: 85 kph (speed limiting available)
- Gradeability: 18.6% (fully laden)

Flooring

- 12mm marine grade treated plywood with Tarabus covering.
- High visibility dog tooth step edging.

GVM

- 22,000kg



Fast charge time



Improved air quality



Best in class range



No kerbside emissions



KITE DF BEV | ELECTROLINER 2.0

Glazing

- Single glazed 4mm safety glass ECE R43 compliant. Side glass with 50% transmissibility tint

Interior Lighting

- Continuous LED lighting with adjustable settings

Paint

- PPG 2 pack acrylic paint finish (5-year colour retention warranty)

Passenger Seating

- Option of ADR approved Australian made and overseas seats

Staircases

- Single staircase over OSF wheel box or option of additional staircase at rear

Steering

- TRW THP-90 hydraulic power steering box with adjustable steering column compliant with ECE R107

Suspension

- Wabco ECAS air suspension with levelling and kneeling, telescopic dampers and anti-roll bars

Wheels & Tyres

- 305/70 R 22.5 Michelin X INCITY EV Z mounted on aluminium alloy 22.5x7.50 rim

Windscreen

- Single piece 6.5mm laminated clear windscreen with option of heating

Windscreen wipers

- Heavy duty wiper system mounted at top of the lower front windscreen. Wiper motor accessed internally via upper deck front destination box

Passenger Capacity

- Maximum capacity: 130+ (depending on legal mass limits)
- Max seated capacity: 82 / 41 / 45
- Wheelchair spaces: 1-2

Traction Battery System

CATL BC5, power capacity adapted to operation, up to 528kWh (other options available)

- Battery chemistry: LFP
- Maximum continuous discharge current: 500A
- Maximum continuous charge current: 500A
- Liquid cooled
- Nominal energy: 528kWh
- Battery chemistry: LFP
- Layout: 4x L04 Packs + 2x L05 packs per string. 3 strings (12x L04 + 6x L05 Total)
- Maximum continuous discharge current: 500A
- Maximum continuous charge current: 500A
- Liquid cooled

Vehicle Range

- 442kWh – approx. 480km: Electroliner (duty-cycle dependent)
- 528kWh – approx. 585km: Electroliner (duty-cycle dependent)

Wheels & Tyres

- 275 / 70R x 22.5 Tubeless
- Choice of Bridgestone or Michelin

Options

- Acoustic Vehicle Alerting System (AVAS): emitting a sound that warns road users of the direction, speed and location of quiet vehicles.
- CMS (camera monitoring system) rear view mirrors
- Fire Suppression System
- CCTV – Prewired
- Mobileye ADAS system

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