

KITE DF BEV | ELECTROLINER 2.0



Accessibility

- 1 or 2 door option available
- Wheelchair compliant via electronic or manual ramp

Axle

- Front axle – ZF RL 82 EC
- Rear axle – ZF AV 133

Battery System

- CATL 442kWh LFP
- Option of CATL 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

Battery Charging Times

- 442kWh – 2h 45m @ 150kW charge rate
- 442kWh – 1h 15m @ 380kW charge rate
- 528kWh – 3h 30m @ 150kW charge rate
- 528kWh – 1h 30m @ 380kW charge rate

Dimensions (MM / 10.9 / 11.6 / 12.5)

- Height: 3,380 / 3,380 / 3,380
- Length: 10,947 / 11,667 / 12,439
- Overhang front: 2,952 / 2,952 / 2,952
- Overhang rear: 2,648 / 2,648 / 3,450
- Wheelbase: 5,347 / 6,067 / 6,067
- Width: 2,500 / 2,500 / 2,500

Electric Drive System

- Upgraded lightweight inverter, ISO-26262 compliant
- DC/DC Converter (EACU), 6.0kW Continuous [x2]
- New gen CCU (improved charger compatibility)
- Torque continuous: 2,624 Nm
- Torque peak: 2,850 Nm
- Power continuous: 230 kW
- Power peak: 250 kW

GVM

- 18,000kg

Legislative compliance

- Certified to NSSTA requirements

Optional Specification Items

Wrightbus are able to offer a range of specification items that include but not limited to:

- Additional battery capacity
- Alloy Wheels
- Camera mirror systems
- CCTV
- Destination equipment & next stop announcement systems
- Drivers cab air conditioning
- Fire suppression systems
- Range of extended warranties
- Range of seating models available which include seat belts for both driver and passengers
- Wi-Fi

Passenger Capacity

- Maximum capacity: 82 / 79 / 78
- Max seated capacity: 37 / 41 / 45
- Max standing capacity: 51 / 44 / 39

Traction Battery System

- Nominal energy: 442kWh
- 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



Fast charge time



Improved air quality



Best in class range



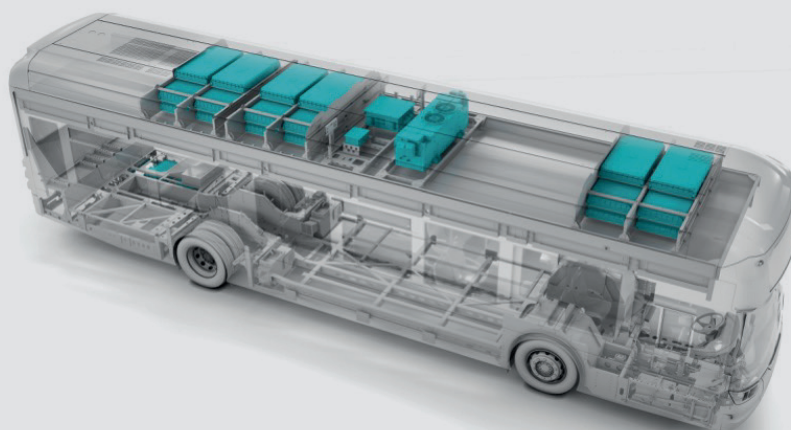
No kerbside emissions



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Shaping the future since 1946

The first and best in the world – with over 85% commonality between single and double decker Electroliner buses, saves depot costs on parts inventory and technical training. Over 3,000 Zero-emission buses in operation. Over 200 million emission-free kilometres covered.



Wright across the World

• Transformation in UK • Global roll out • Broader product portfolio • Committed to excellence

