



K7

100% ELECTRIC BUS

Forging a new paradigm in public transport and private bus charter with mobility solutions for mass transit, HS Electric Bus (HSEB) is proud to present the Ankai K7 Electric Bus, a forerunner in the segment of electric mini buses.

Designed for Safety, Efficiency and Reliability



Air Suspension

4 bellows full air suspension
Better passenger ride comfort



Lower Running Costs

Cost per mile of electric vehicle is
cheaper than diesel alternatives



CATL Lithium Iron Phosphate Battery

Thermally stable, longer lifecycle,
environmental-friendly
24 hours monitoring system



Environmentally Friendly

Reduce your carbon footprint for the
benefit of future generation



360° Degree Camera & TPMS

Real-time surrounding view
Tire Pressure Monitoring System



Low Maintenance Cost

Fewer moving components, lesser
maintenance, lesser downtime



Vehicle Safety

- Anti-Lock Braking System (ABS)
- Electronic Stability Control (ESC)



Rapid Fast Charge

120kW DC rapid fast charge, 1 hour from
20% to 80% SoC

ANKAI K7 Electric Bus Specifications

Vehicle Dimension

Length	7145 mm
Width	2040 mm
Height	2785 mm
Wheelbase	4150 mm
Front / Rear Overhang	1150 / 1845 mm
Seating Capacity	19
Gross Vehicle Weight	7700 kg

Performance

Range	Up to 200 km
Max. speed	100 km/h

Battery

Battery Maker & Type	CATL Lithium Iron Phosphate
Battery Capacity	105 kWh
Charging time (20% to 80%)	1 hour @ DC fast charge 120kW

Motor

Motor Type	Permanent Magnet Synchronous Motor
Max. Power	150 kW
Max. Torque	1500 Nm

Chassis & Body

Body Type	Monocoque with full body Cathode Electrophoresis
Air Conditioner	16000 Watts
Seat	Fainsa with 3 points seatbelts (Fabric / PVC)
Suspension	Air suspension
Tyre & Rim	Michelin 215/75R17.5 with Aluminium rim
Brake System	Full air brake with disc + disc and regenerative

Safety

Anti-lock Braking System (ABS)	WABCO
Acoustic Vehicle Alarm System (AVAS)	Alerting pedestrians during vehicle low speed
Electronic Stability Control (ESC)	Yes
Tire Pressure Monitoring System (TPMS)	Yes
360° Degree Camera	Yes

Others

Multi-function steering wheel, USB ports for passengers, TV



5-LEVEL SAFETY PROTECTION FOR TRACTION BATTERY SYSTEM

