SUNWIN

Safety • Comfort • Durability



iEV12

12-Meter Electric
Low-Floor City Bus

Advanced Brake Control

Intelligent Air Suspension

Euro-Standard & RHD Versatility

Extreme Condition Durability



Sunwin iEV12 12-Meter Electric Low-Floor City Bus

Overall Dimensions (mm)	12000 × 2550 × 3200
Wheelbase (mm)	5850
Entrance Height (mm)	340 (Low Floor Design)
Battery Capacity (kWh)	417
Traction Motor	Permanent Magnet Synchronous Motor (IP68 Protection)
Charging Interface	Dual CCS2 DC Charging Sockets (Left & Right)
Charging Current	Max 200A Single Gun Charging
Front Axle	ZF RL82EC Independent Suspension Axle
Rear Axle	ZF AV133 Low-Floor Drive Axle

Key Highlights

✦ Advanced Brake Control (EBS & EPB): Equipped with ZF Electronic Brake System (EBS) integrated with Traction Control (ASR/TCS), Hill Start Assist, and Electronic Parking Brake (EPB) for superior active safety.

✦ Intelligent Air Suspension: Features 2+4 air bags with advanced ZF ECAS height regulation, horizontal stabilizers, and bidirectional shock absorbers to ensure top-tier ride comfort.

✦ RHD & Euro-Standard Compliance: Specifically engineered for right-hand drive (RHD) markets. Features an ECE-certified pneumatic driver seat and dual Euro-standard CCS2 charging ports.

✦ Extreme Condition Durability: Employs an IP68-rated smart driving motor paired with an ATS constant temperature cooling system to guarantee stable power output under extreme operating conditions.

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