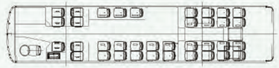
ZK6125CHEVG

Overall length*width*height (mm)	12000*2550*3145
Wheelbase (mm)	6100
Turning radius (m)	≤12
Engine	ISDe245 31
Rated power (kw/rpm)	180
Rated torque (Nm/rpm)	925
Displacement (L)	6.7
Emission	Euro III
Hybrid form	XCVT system self-developed by Yutong
Whole vehicle controller	Yutong whole vehicle controller
Energy storage system	15-cluster super capacitor
Drive motor system	AC permanent magnet synchronous drive motor
High voltage generator	AC permanent magnet synchronous generator
Front axle	ZF RL85A, 8.5T, disc brake
Rear axle	ZF AV133T, 13T, disc brake
Brake system	Dual circuit pneumatic service brake, full disc brake, energy storage spring parking brake, WABCO EBS
Steering system	ZF integral power steering gear, adjustable steering wheel
Tire	Michelin 295/80R22.5
Suspension system	F2R4 6-bellow air suspension, front & rear anti-roll bar, double adjustable hydraulic shock absorber, ECAS lifting system
Air conditioner (A/C)	None, optional: A/C with cooling capacity 38000Kcal / h, BOCK compressor
Fuel tank (L)	200
Seat number	39



Standard version: For LHD bus, 36+1 (36 passenger seats + 1 driver seat), totally 37 seats; 2+1 layout before the middle door, and 2+2 layout after the middle door.

Optional: 31+1 (31 passenger seats + 1 driver seat), totally 32 seats; 1+1 layout before the middle door, and 2+2 layout after the middle door.

YUTONG
FOR YOU

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The images may include items of optional equipment and accessories that are not installed as standard. The product is subject to technical improvement. Yutong reserves the right to change product specifications without prior notice.
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ZK6125CHEVG | LEADER OF FUEL-SAVING BUSES

YUTONG

ZK6125CHEVG

Yutong has developed a number of hybrid buses ranging from 8m to 18m. At present, the main hybrid product for the overseas market is ZK6125CHEVG.

ZK6125CHEVG

SUPER SAFE

Physical isolation of capacitor cabin and passenger compartment, as well as the fire extinguishing bombs on the top of fire-hazardous points, can ensure the safety of passengers.

The protection class of connectors that link important voltage components reaches IP67, ensuring the normal operation of vehicles on flooded roads in rainy days.

The electric potential balance enables that a person who touches the exposed electrical parts of electrical equipments will not be injured due to voltage difference at various positions.

When the collision hazard occurs, the vehicle motion sensor can detect the collision action, and the control system of the vehicle will disconnect the relay of the capacitor system.

SUPER COMFORTABLE

The hybrid buses that achieve stepless speed change boast smooth start-up and make passengers feel more comfortable.

SUPER ENERGY-SAVING

With XCVT hybrid system, the decoupling of engine and vehicle speed can be achieved through the double-row planetary gearbox. Through the optimization of the whole vehicle control strategy, the engine can always work within the optimal working curve, thus improving the economy of whole vehicles.

SUPER CONVENIENT

The car-style dashboard, gear selection panel and commonly used buttons positioned on the console facilitate the driving.

ZK6125CHEVG

For operators, Yutong hybrid buses boast good fuel-saving effect, thus reducing the operating costs.

For drivers, Yutong hybrid buses can achieve stepless speed change function, greatly reducing the labor intensity and enhancing driver's handling convenience and ride comfort.