Modular Design, Convenient Maintenance

Maintenance-free System

The motor features an anti-sediment and anti-condensation shaft extension design with double-layer sealing for dust and water resistance, ensuring long-term reliable and maintenance-free motor operation.

Accessible Maintenance

Modular structure design for bumpers skins, and headlights enables convenient disassembly and repair.

Unified Parts

Core parts offer high compatibility, while optimized parts allocation and supply chains enable faster maintenance response.

Innovative Technology, Premium Comfort

Link+ (YUTONG fleet management)

Real-time monitoring of energy consumption, vehicle status, and routes enables more intelligent and efficient management.

Intelligent Cockpit

Large center console screen with multi-angle visibility and comprehensive entertainment features.

High-Capacity A/C

With a cooling capacity up to 52,000 kcal/h and an optimized wide air duct design, the A/C delivers superior cooling for enhanced comfort.

Massive Passenger Capacity

Roomy space with optimized layout, featuring 55 upper deck seats and 19 lower deck seats, accommodates up to 117 passengers.

Item	Specifications
L*W*H (mm)	11,980*2,550*4,350
Internal height (mm)	Lower deck: 2,112, Upper deck: 1,749
Minimum turning diameter (m)	19
Maximum speed (km/h)	70
Battery capacity (kWh)	528.13
Traction battery type	LFP battery (liquid cooling)
Motor rated/peak power (kW)	430/700
Motor rated/peak torque (N·m)	2,520/6,200
Charging system	European standard dual-gun charging, with a maximum charging power of 350 kW
Tire specification	305/70R22.5
Maximum gradeability (%)	30% (5km/h, 56s)
Suspension system	ECAS (Electronically Controlled Air Suspension) with kneeling, hydraulic two-way shock absorber
A/C	Cooling capacity: 52,000 kcal/h
Number of seats + wheelchair area+ passenger capacity	Upper deck: 55, lower deck: 19; 2; 117
Seat layout	Upper deck: 55 lower deck: 19

YUTONG BUS CO., LTD.
Yutong Marketing Center, Economic and Technological Development Zone, Zhengzhou, China
Tel: +86 371 6671 8999 Website: www.yutong.com E-mail: sales@yutong.com Follow us on Facebook & Twitter & YouTube at Yutong Bus & Coach 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. All rights reserved. April, 2025 Edition.

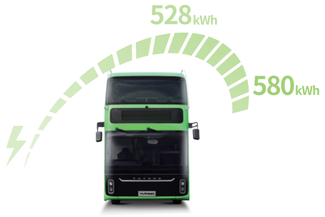
U12DD

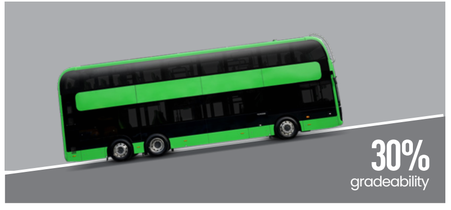
Double Decker Battery Electric Bus

Style Aesthetics, Street Icon in Motion

Safe and Reliable | Extended Range | Unrivaled Durability | Convenient Maintenance | Massive Passenger Capacity

Extended Range, Cost-efficient Performance





Extended Range

Standard 528 kWh battery pack with optional 580 kWh extended capacity. Delivers up to 630 km range under SORT2 conditions, ensuring worry-free daily operations.

Superior Power

Enhanced motor design achieves a maximum 30% gradeability, suitable for all Hong Kong road conditions.

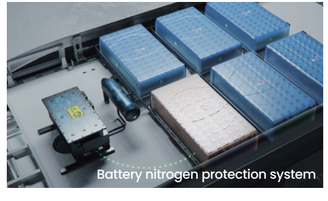
Fast charging

European-standard dual-gun charging with 350 kW maximum power delivers rapid and efficient energy replenishment.

*Note: Range based on 580 kWh configuration under SORT2 conditions. Actual performance may vary depending on operating environment and driving habits.

Safe and Reliable, Ultimate Protection

Fivefold Protection



Battery nitrogen protection system

Internal heat-resistance and fire-proof layer

Yutong Electric Safety Standard (YESS)

Yutong battery electric vehicle safety standard highlights the industry's first battery nitrogen protection system.

·**Vehicle Protection:** Side collision protection, rear collision protection, complete vehicle isolation protection, and a closed-ring protective structure comprehensively upgrade collision safety standards, ensuring holistic protection for both vehicle and battery.

·**System Protection:** Battery nitrogen protection system delivers full-time nitrogen shielding, enabling real-time oxygen isolation within battery packs to eliminate combustion risks at the root.

·**Pack Protection:** Multi-layer thermal-electric coupling protection, with layered fireproofing: mica sheets, composite materials, and external fireproof covers. The protective layers can withstand burning at 1300°C for over 2 hours, creating a "safety moat" that isolates internal and external hazards.

·**Parts Protection:** Multi-pack high-efficiency liquid heating technology eliminates high-voltage heating parts within the pack, completely removing potential "ignition sources".

·**Monitoring Protection:** 24/7 uninterrupted monitoring system ensures battery safety fully controllable anytime, anywhere.

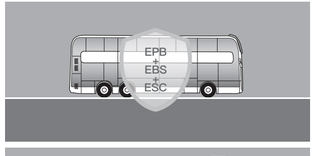
Battery, Motor and Electric Control Safety Protection

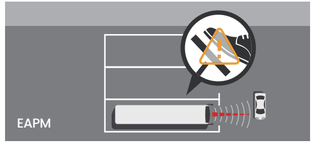
The battery, motor, and electric control system achieves IP68+IP6K9K protection level, meeting the highest international standards.

Intelligent Safety System

Triple electronic protection, including Electronic Parking Brake (EPB) + Electronic Braking System (EBS) + Electronic Stability Control (ESC), and Emergency Assist for Pedal Misapplication (EAPM) ensureszz proactive driving safety.

Fireproof cover 1,300°C fire resistance test





EAPM

Unrivaled Durability, Industry-leading Lifespan