



LEADING TECHNOLOGY FOR A BETTER FUTURE

Yutong Battery Electric Dump Truck

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YUTONG GROUP

Full speed ahead for a world-leading new energy commercial vehicle group

Accumulated sales volume of new energy vehicle exceeded

190,000+ units

In 2023, the group's annual sales exceeded

45,378+ units

Exported to over 100 countries and regions worldwide

100+

In 2023, New energy buses' sales exceeded

7,800+ units

Yutong is a prominent commercial vehicle group specializing in buses and trucks, with a comprehensive product lineup including buses, trucks, special-purpose vehicles, sanitation equipment, and construction machinery.

Yutong Bus

Yutong bus, as the flagship division of Yutong Group, is a globally renowned leader in the bus industry. Its product range caters to diverse market segments, including public transport, passenger transportation, tourism, group travel, school buses, and custom travel.

In 2023, Yutong Bus achieved a global sales volume of 36,518 units, generating a turnover of RMB 36.23 billion and maintaining an annual production capacity of over 60,000 units. The share for its large and medium buses in global market is more than 10%. By the end of 2023, it had sold more than 180,000 new energy buses cumulatively, establishing itself as a global leader in terms of production and sales scale.

Yutong Truck

As an emerging industry segment of Yutong Group, Yutong Truck relies on the vehicle manufacturing capabilities, industrial operation capability and advantages of new energy "battery, motor and electric control" technologies, provides energy-saving, environmentally friendly, intelligent, safe, reliable and durable new energy heavy truck and light truck products and solutions for tractor trucks, dump trucks, mixer trucks, express & e-commerce express, supermarket distribution, less-than-truckload logistics and other market segments.

By the end of 2023, 17,000 new energy trucks have been sold.

With the autonomous investment of RMB 1 billion, Yutong has built an engineering technology center covering an area of 163 mu (10.87 ha) and 7 national-level innovation platforms. It possesses a comprehensive verification and evaluation system that integrates components, systems, and vehicles.



**MORE
economical**

**MORE
durable**

**MORE
convenient**



The first electric exclusive platform integrating software and hardware in the industry, opening a new era of "Hardware integration and Software over-the-air".

YESA

Mature high voltage system reliable and durable



Battery

Increased energy density

94%



Motor

Increased torque density

100%



Electric control

Reduced energy consumption
under working conditions

40%

Driving Range Under Comprehensive Conditions

100KM→**300KM** 

Safe Operation

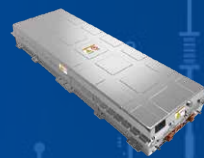
190,000 vehicles **40.2** billion kilometers

Market Performance

No. 1 ranking in market share in Chinese new
energy bus market and European new energy bus
market



New-generation Super-energy Battery with High Safety



HIGH SAFETY

"Sandwich" fireproof construction
Dry gas safeguarding system

© **1m24h** Utmost water resistance © **1,300°C** Maximum fire protection



HIGH STRENGTH

High strength structural design of casing

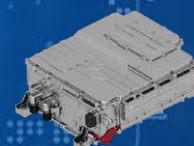
© Higher than the vibration standard of previous national standard GB/T 31467 **16-fold**



LONG SERVICE LIFE

Efficient temperature equalization
Intelligent equalization

© Service life **400,000-550,000**km



Five-in-one Integrated Control Unit

High protection and integration, safer and long range



© DOUBLE GUN CHARGING

Easy running for A day after charging for one hour

Double quantity of charging energy Full compatibility Plug and unplug at any time
Current-carrying with single gun 250A

© The First Intelligent Cloud Platform With Pb-level Storage

Tera-scale Computing Power



INTELLIGENT ASSISTANT OPERATION MANAGER

Clear at a Glance: Multiple management data, being clear and accurate
Comprehensive Management: Comprehensive management assistant for vehicle status, driver, energy consumption, etc.
Customization: Support customized development



Maximum efficiency **99%**



Reduction of HV connection points **50%**



IP rating **IP68**



WITH CORE TECHNOLOGIES
YUTONG REDEFINES THE NEW ENERGY VALUE
OF COMMERCIAL VEHICLES

FAR

- Super-energy battery with high safety and large capacity
- High-efficiency electric control system
- Multi-stage braking energy recovery system

Customer Cases: Comprehensive power consumption for earth-rock transportation as low as **1.47 kWh/km**
Note: This power consumption is the lowest under typical working conditions in China

FAST

- Fast recharging
- Maintenance-free and long warranty

STRONG

- High-power permanent magnet synchronous motor
- Efficient combined braking system

UPTIME

- Highly reliable five-in-one electronic control system
- 500A double gun independent fast charging
- Battery safety protection system

STABLE

- Battery air drying system
- High-protection HV system
- Adaptive thermal management system
- High strength battery pack

SMART

- Digital operation management system
- Vehicle intelligent control
- Active inspection
- Management of dangerous driving behaviors
- Traction battery safety warning

SAVING

Customer Data: Power consumption of RMB 140 per 100 kilometers over fuel vehicles with an annual cost reduction of RMB 111,000



Considerable TCO Profit

According to the actual data of Kazakhstan market, a battery electric dump truck can save RMB 111,000 annually and RMB 556,000 in 5 years compared with fuel vehicles by operating 200 kilometers per day and 350 days per year.

The unit price of fuel is the listed price in gas stations on December 5, 2023



**Comfortable driving, easier operation,
intelligent power assist and strong climbing ability**

**User-friendly Design
Comfortable and Suitable for Driving**

Driver cabin

High-power A/C, ventilated heated seats, large LCD screen, double-layer sealing strip, ashtray and other comfortable configurations.



New generation airbag seat

Yutong's new generation airbag seats, dual airbags electronic control lumbar support; standard seat ventilation, heating and one button seat upward/downward functions to reduce driving fatigue; driver departure reminders for high safety.



Breathable and comfortable sleeping berth

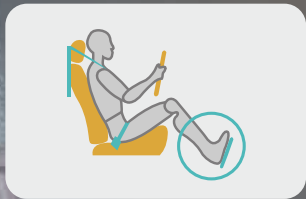
The sleeping berth, filled with natural coconut palm, offers excellent breathability and enhanced comfort, making it convenient for drivers to take a quick rest.



**Convenient Operation
Comfortable Driving**

Autohold

The Autohold system prevents the vehicle from rolling back on slopes, enabling easy starting and automatic parking



Rocking free mode

Yutong's specialized feature for rapidly freeing a truck from loose soil surfaces



**Proven Ultra-Durability through Rigorous
Reliability Testing**

The Industry's Most Stringent Reliability Testing Standards
(30,000 km Reliability Verification)



High-speed loop



Climbing



Wading

**Rigorous Testing Standards for Core Components of HV system
Crafting Exceptional Products**



Battery
collision test



Corrosion
resistance



Vibration and
squeeze resistance



Motor
impact test

Professional Services

Focusing on the distinct operational and service challenges faced by truck customers in different countries, Yutong provides extensive global after-sales services, setting up a first-rate specialized maintenance system for new energy vehicles in the industry.

4

Global distribution centers

10

Part distribution centers

84

Overseas part distributors

325

Secondary service outlets

15 minute

Response to demand

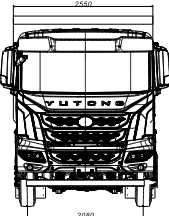
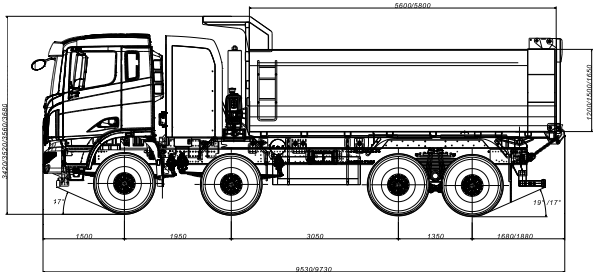
24 hour

Emergency rescue service

8×4 Battery Electric Dump Truck

Parameters

Item		Parameter
Basic parameters	Overall dimensions(mm)	9,530/9,730×2,550×3,680/3,560/3,520/3,420
	Wheelbase(mm)	1,950+3,050+1,350
	Curb weight(kg)	19,020/19,800/20,600
	Rated torque/Peak torque(N·m)	1,500/3,000
	Rated power/Peak power(kW)	330/450
	Charging Power/Charging time	50min(20%-80%, 320kW charging pile, double gun) 80min(20%-100%, 320kW charging pile, double gun)
	Driving range(CHTC-D)(km)	180-210(Full-load 40t)
New energy configuration	Traction battery(kWh)	396, LFP battery
	Transmission	AMT transmission
	Motor(kW)	330/450, permanent magnet synchronous motor
	Motor controller	Yutong integrated control unit(ICU)
	Vehicle control unit	Yutong controller
	Charging configuration	Double plug fast charging
Chassis	Suspension system	Front and rear multi-leaf springs
	Tire	12.00R20
	Front axle(t)	2×7.5
	Drive axle(t)	2×16
	Braking system	Imported EBS+ESC
Driver cabin configuration	Driver cabin	2.5m-wide flat roof extra cab, separate metal bumper
	Seats	Driver seat with airbag shock absorption
	Sleeper	Lower Bed
	Air conditioning and heating system	Electric cooling/heating A/C, with defrosting function
Electrical equipment configuration	Headlamp	LED combination headlamp, independent front fog lamp, LED tail lamp
	Intelligent early warning	Event data recorder
Upperstructure	Upperstructure dimension(mm)	5,600/5,800×2,300/2,350×1,200/1,500
	Cover type	No cover



Disclaimer: this configuration table is for reference only and not used as the basis for contract negotiation. The actual vehicle shall prevail.