



Better Technology Better Logistics

Yutong New Energy Light Truck T-Series

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Company overview

Innovative Products for a Win-Win Future

Yutong Light Truck

As the core enterprise of Yutong Group, Yutong Light Truck is a professional manufacturing enterprise integrating product development, production and sales services, which is committed to becoming a leading brand in the new energy light truck market and an implementer of the “dual carbon” strategy. Relying on Yutong Group's strong technical strength in battery, motor and electric control, its core concept is to create maximum value for customers.

Relying on vehicle capability, business operation and NEV key technologies, Yutong Light Truck provides green, energy-saving, intelligent, safe, reliable and durable new energy products and solutions for such segments as e-commerce express, supermarket distribution and less-than-truckload logistics.

1 Engineering Technology Center

2 listed companies

Yutong Bus Yutong Heavy Industries

3 chains synergy

Commercial vehicle industry chain, technological innovation chain and customer value chain

4 vehicle plants

Yutong Industrial Park in Guancheng District, Construction Machinery and Sanitation Plant, New Energy Bus Plant in Economic & Technological Development Zone, Special Vehicle Plant

5 parts bases

Intelligent drive parts base, traction battery parts base, commercial vehicle chassis base, auto electronics and A/C parts base, parts industrial park

"Do not take the market as the proving ground, but take the proving ground as the market" is our commitment.



Product profile

New Energy Light Truck a new benchmark for logistics vehicles

Brand new appearance

The integrated design of electric grille and brand-new LED headlamp, high-tech blue metal appearance, bring a new era of innovative logistics.

Comfortable driving and riding

The car-like interior style and quality provide a luxurious driving, riding and resting experience.

High integration

The integrated battery pack and the exclusive e-axle for battery electric vehicles meet more individual needs.

Various upper structures

Three upper structure types of box, dropside and refrigeration, covering full application scenarios.



Technology highlights

Six upgrades Leapfrogging experiences

Platform upgrade Safety upgrade Battery upgrade

Efficiency upgrade Warranty upgrade Value upgrade

Platform upgrade

Leading e-platform with comprehensive upgrades in performance

Yutong Light Truck

Open a New Era of Urban Logistics

It has been deeply engaging in the field of commercial vehicles, with three-chain integration (commercial vehicle industry chain, technological innovation chain and customer value chain), and has leading advantages in new energy technology, vehicle R&D and manufacturing.



Safety upgrade

High protection level, strong wading capability and short braking distance

Comprehensive brake upgrade

Pneumatic disc brake, with the braking distance 4m shorter than that of the industry to ensure safety of each travel.

Upgrade of battery, motor and electric control

A number of high-tech materials and technologies have been applied, and strict test standards have been implemented for battery, motor and electric control systems to create excellent products.

Fireproof: high fire resistance rating, capable of withstanding 1300°C fire for 30min without burning through, far higher than the national standard.

Waterproof: IP68&IP6K9K, the highest in the industry.

Anti-collision: The battery pack can withstand a collision of 900 kg at 30 km/h, making it safer.

Intelligent control upgrade

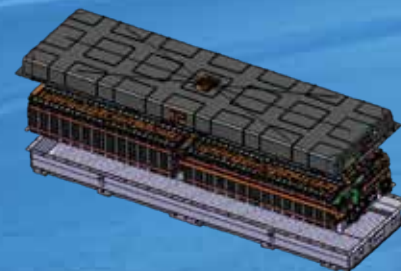
Eight intelligent vehicle controls: hill-start assist, emergency assist for pedal misapplication, traction control system, cruise control system, low speed control, intelligent acceleration control, intelligent energy recovery control, composite braking system, etc. to safeguard each logistics person.

Six human-vehicle intelligent interactions: intelligent self-inspection after power-on, fatigue reminder, reminder of sharp depressing on the accelerator pedal, bad driving behavior reminder, driver off-seat reminder and reminder of high-speed impact on energy consumption to improve driving safety.



Battery upgrade

Industry-leading brand-new integrated battery module



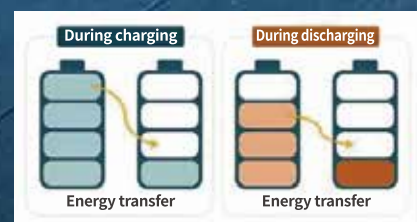
Integrated battery pack

The energy density can reach 160~165 Wh/kg, about 12% higher than that in the industry (taking 100 kWh as an example, weight reduction about 40 kg).



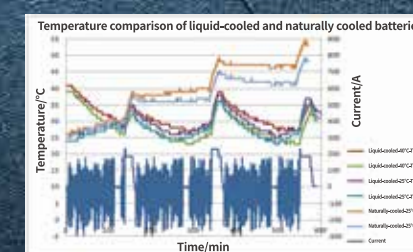
Anti-condensation design in the battery pack

The built-in humidity sensor in the pack can intelligently fill dry gas when the temperature is $\geq 60\%$ to prevent condensation.



Intelligent battery balancing

The battery can be balanced without full charge, which solves the problem of poor cell consistency caused by insufficient power and fast battery life decay.



Intelligent battery thermal management

All models are equipped with liquid cooling and battery heating films as standard to prevent battery overheating or under-heating, thus prolonging its service life by more than 10%.

Efficiency upgrade

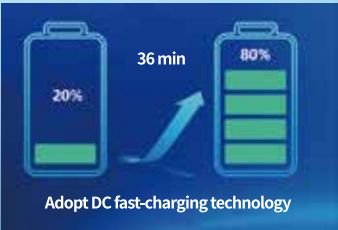
10%+ longer driving range under the same power and working conditions

Ultra-high energy efficiency, more power saving

Yutong's exclusive YEA technology saves more power and money and the energy consumption is lower than that in the industry by more than 10% under comprehensive working conditions.



- ① Intelligent vehicle energy management technology
- ② Enhanced regenerative braking energy recovery
- ③ Integrated e-axle
- ④ High-efficiency motor matching technology based on all working conditions, with the largest range of high efficiency areas
- ⑤ Low vehicular wind resistance design
- ⑥ Low rolling resistance tire

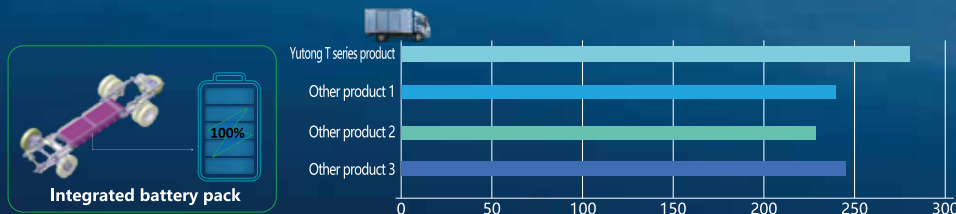


Charging with 120kW charging pile: 20%-80%
Time: <1h

Note: 1.The charging time is based on the normal temperature and battery capacity of 100kWh;
2. A low-power charger is optional.

Multiple battery capacities available Longer driving range with the same battery energy

Integrated battery pack, with mileage more than 10% higher than that of the industry



Four lifetime maintenance-free designs more economical

Maintenance-free wheel ends for front and rear axles, maintenance-free motor, drag link and leaf spring

Multiple platforms, more capacity

Superior loading capacity, large battery capacity, diversified upper structures and 18.5m³ super-large cargo box for various operation scenarios



Strong power, fast and stable

0-50km/h full-load acceleration leads the industry, start fast; intelligent adaptive technology enables smooth and stable acceleration under different loads



Warranty upgrade

Ultra-long warranty period for battery, motor and electric control, 3 years more service life and 200,000 km longer driving range. The vehicle quality is more guaranteed, while the vehicle purchase and use are more assured to free you of worries.

Value upgrade

Superior low-capacity cost solutions to create greater value for customers

Global service network

Yutong has established 20 offices worldwide, with a properly distributed service network covering 98 countries and regions, and 332 service outlets.

The most stringent reliability test standard in the industry (30,000 km reliability verification)

High-speed loop climbing and wading



Technical Specifications

Vehicle model	T5
Cab	Single row
Cab width (mm)	1,900
No. of passengers allowed	3 persons
Wheelbase (mm)	3,360
Overall dimensions(mm)	5,995×2,140×3,130
Internal dimensions of cargo box (mm)	4,200×2,100×2,100
Rated load (kg)	3,500
Battery capacity (kWh)	100.46, liquid cooling
Driving range (km) (standard load)	200~260
Reference charging time (h) (Battery temperature 25°C, SOC 20%-100%, 120kW fast charging)	1.1
Motor power (W)	65/120
No. of leaf springs	3/3+2
Braking type	Front disc/rear drum
E-axle	Integrated rear e-axle
Braking/parking type	Air brake/EPB
Tire	Standard 7.00R16LT optional 215/75R17.5
Rear-view mirror	Integrated rear-view mirror
CCS	●
LSC	●
CBS	●
TCS	●
EPAM	●
Uphill/downhill Assist	●
Multi-functional steering wheel	●
Daytime running lamp + automatic headlamp	●
Automatic A/C	●
Power window/central door lock/remote control key	●
Radio	●
Reverse radar	●
Reverse video	○
360 panoramic view	○
Air suspended seat	○
Spare tire	○

1. "●" indicates standard , "○" indicates optional
2. The actual driving range of battery electric light trucks will be different from that under standard working conditions due to such factors as driving habits, road conditions, weather and battery capacity attenuation with the increase of operating years. The driving range parameters provided are based on the standard working conditions of battery electric light trucks such as in warm areas, on flat urban roads, with full load and remaining battery SOC of 8%, which are also for reference only and cannot be used as basis for actual operation mileage;
3. The actual charging time will deviate due to various factors such as battery temperature, SOC accuracy and cell consistency. The charging time provided is for reference and calculated based on the battery capacity from 20%~100% with a fast charging DC 120kW charger at the battery temperature of 25°C.
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