

**SANY** 江山电动轻卡  
品质改变世界 ELECTRIC LIGHT TRUCK



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# 01

## Sany Heavy Truck

Founded in May 2018, Sany Heavy Truck is a pioneer in the digital and intelligent transformation of Sany Group. In 2020, it ranked the sixth in the semi-trailer tractor industry and became the fastest renewable brand breaking the record of 20000 sets in the past decade of China.

Relying on the industry's leading R&D and manufacturing team, Sany Heavy Truck has successively launched fuel heavy truck, electric heavy truck, hydrogen energy heavy truck, intelligent battery swap station, electric light truck and other products.

In 2021 and 2022, for two consecutive years, Sany won the national championship in the cumulative sales of new energy heavy trucks in China, successfully arranged the first new energy application scenario in China, and became the leading brand of new energy heavy trucks in China.

### TOP

The industry-leading brand of internet truck in China

### TOP

The industry-leading brand of new energy heavy truck in China

### TOP

The first electric light truck brand of Hunan province





## 02 Intelligent Manufacturing

In 2022, Sany Heavy Truck officially launched the SANY intelligent heavy truck industrial park which invested more than 22 billion yuan (3.2 billion US dollar). This is Sany's first park that entirely based on digital and intelligent technology. It is committed to construct a national advanced manufacturing highland and a world-class model of "intelligent manufacturing". It is estimated that the output value will exceed 150 billion yuan(21.4 billion US dollar) and the radiation output value will exceed 600 billion yuan(85.7 billion US dollar).

The factory has basically realized full 5G communication and unmanned production, and the efficiency of informatization is 10 times higher than that of traditional factories. A truck can be roll-off assembly line in every 4 minutes. This is a typical example of Sany Group's implementation of the digital transformation of the deep integration of the real economy and the Internet. It aims to build the workshop with the highest production efficiency in the global industry and become the world's largest pure electric heavy truck production base.

**3**

Super stereoscopic  
warehouse

**700+**

AGV

**200+**

Robot



# 03 Product Highlights

Van Electric Light Truck

Railing Electric Light Truck

Storage/stake Electric Light Truck



## Jiangshan electric light truck

It is the first electric light truck product of forward development in Hunan, and the first light truck platform in China that integrates development, transport capacity, charging integrated ecology and overall solutions.

Jiangshan electric light truck product including railing models, van models, storage/stake models, suitable for city short-distance transportation, to meet the express, stores, supermarket transportation needs, is a collection of a number of industry initiative in a outstanding appearance, high comfort, high-tech, low energy consumption, high safety of the leading electric light truck products.

## Jiangshan electric light truck

Cab: equipped with the wide cab independently developed by Sany, The vehicle shape is jointly designed and developed by Binifalina and Sany;

Power: equipped with integrated electric drive axle, the transmission efficiency is higher, the peak power is 115kw, and the maximum speed is 90km/h; Power Battery: 84.48kwh high-density battery is used, and the range under WTV urban condition can reach 240 km ; In terms of energy supplement: 150A DC fast charging is adopted, which can be fully charged within 1h. There is no worry about mileage.

Containers: Sany self-made original containers, with a space up to 18.5m<sup>3</sup>, The van /railing/ storage/stake is optional, which combines light weight and high reliability to meet the requirements of heavy load.



All-LED crystal headlights with outstanding appearance, energy efficiency, Reversing radar and reversing image make driving safer



Column Shifter benchmarking Benz, drivability is similar to luxurious car  
The most advanced, the best configuration of the Chassis control by wire in China



The widest "Big Sleeper" in the industry, with Non-flipping seat backs



Light steering at low speed, stable steering at high speed, EPS+EHB intelligent technology



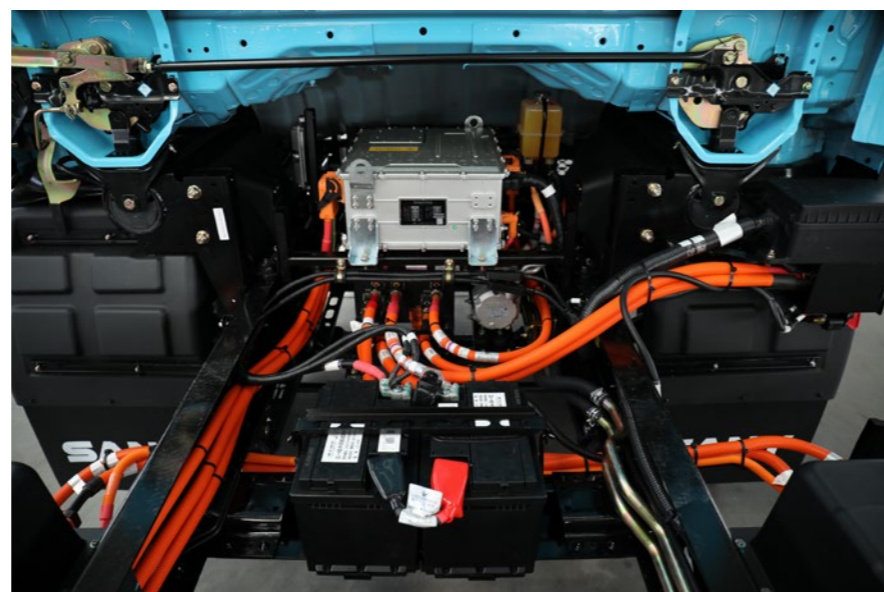
### **Outstanding appearance**

Pininfarina designed electric truck appearance, elegant and extraordinary design language which can compare to luxurious car, high-grade leather interior decoration, luxurious and comfortable

### **High comfort**

Column Shifter benchmarking Mercedes Benz, drivability is similar to luxurious car  
2X5.5-inch high-power full-audio audio system for better entertainment  
The door opening angle is 80 degrees, and ingress/egress is more convenient  
Doors double sealed, cab sealed/dust-proof/sound insulation effect is excellent  
No console, 1.8m men easily lie flat with Non-flipping seat backs  
Cab space is increased by 50L, up to 9 storage areas, wider and more comfortable





### High Technology

Intelligent voice control system, supporting contactless interaction  
Reversing radar + camera makes driving more convenient and safer  
The most advanced, the highest configuration of the Chassis control by wire in China independently developed by SANY  
Multi-function steering wheel: Bluetooth phone, cruise control, instrument control  
12.1-inch intelligent Internet connection screen: video entertainment and vehicle control

### Low Energy Consumption

Electric drive axle reduces weight by 50kg+, power consumption by 2.33%  
Efficient decoupling braking energy recovery increased the range by 12%+  
The lightweight shroud optimized by CFD has a 6% lower wind resistance than the competitor  
EPS+PWM ,lower energy consumption



# 04 Applicable Scenes

Express(Van)



# 04 Applicable Scenes

Shopping malls and supermarkets(Van)



# 04 Applicable Scenes

Express Logistics (Van)



# 04 Applicable Scenes

LCL Logistics(Storage/stake)



# 04 Applicable Scenes

Daily groceries(Railing)



## 05 Product Parameters

Vehicle	Model		Electric light truck
	Wheelbase (mm)		3360
		Van	5595x2185x3120
		Storage/stake	5995x2180x3065
		Railing	5995x2185x2360
	Inner dimensions of container (mm)	Van	4180x2100x2100
		Storage/stake	4180x2100x400
		Railing	4170x2100x400
	Curb weight (kg)	Class II chassis	2335
		Van	2960
		Storage/stake	2970
		Railing	2750
	GVW (kg)		6000
	Maximum Speed (km/h)		90
	Maximum Gradeability		≥30%
	60km/h braking distance (m)		≤25
Minimum Turning radius (m)		≤7	
Range under WTV urban condition (km)		240	
Use environment		≥-10°C	
EIC system	Power Battery	Nominal Voltage (V)	563.2
		Rated Storage Energy (kWh)	84.48
		Energy supply	150A DC fast charge
		Charging time	20%-90%≤1h (25°C)
	Motor	Category	Permanent magnet synchronous motor
		Rated/Maximun Power	60/115
		Rated/Maximun Torque	135/350
	Electric control	Auxiliary drive controller	Three-in-one controller
Vehicle controller		Autonomous VCU	
Chassis	Front/rear Axle		2T/4T
	Leaf spring		2/2+2,3/3+3
	Steering		EPS
	Brake		ABS+EBD
	Wheel		6.50R16/7.00R16
Cab	Width (mm)		2040
	Rated Passenger Capacity		3
	Rear Mirror		Electric Heating
	Instrument		All-liquid crystal instrument
	Central control screen		12-inch Central Control Screen
	Steering wheel		Multi-Function Steering Wheel
	Headlamp		All LED headlights
	Shifter		Column Shifter
Air conditioner		Electric air conditioner	

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TO BE GRATEFUL ALWAYS