

JIANGSHAN EV550 ELECTRIC HEAVY TRUCK

The Sales Volume
of New Energy Heavy Trucks
Ranks First in China

The First Brand
of New Energy Heavy Trucks
in China

The First Scene
of Electric Tractors in China

HIGH IQ

Fleet management system, intelligent load recognition, safety anti-slope, intelligent dual early warning (front collision/lane departure), high motor + EBS combined braking efficiency, 12" network-connected intelligent large screen

LONG ENDURANCE MILEAGE

Fleet management system, intelligent load recognition, safety anti-slope, intelligent dual early warning (front collision/lane departure), high motor + EBS combined braking efficiency, 12" network-connected intelligent large screen

DRIVING PLEASURE

Four airbag suspension + airbag seat damping system to fully filter road impact; large driving space, quiet and comfortable driving; 4-gear helical gear AMT, smooth shifting and convenient operation.

FAST ENERGY SUPPLEMENT

Four airbag suspension + airbag seat damping system to fully filter road impact; large driving space, quiet and comfortable driving; 4-gear helical gear AMT, smooth shifting and convenient operation.

SMALL DEADWEIGHT

Lightweight chassis design, new materials, structural topology optimization, more than 100kg lighter than competing products. The self-developed lightweight power exchange device is adopted, and the deadweight of the whole vehicle is 1t lower than that of competing products.

EXCELLENT PERFORMANCE

Strong power, excellent climbing and acceleration performance, maximum climbing ability $\geq 30\%$, 0-30km/h acceleration time less than 4 seconds; equivalent 3 million km full working condition test, higher adaptability to road conditions, load and environment.

GOOD SERVICE

Tailor-made "Station/Site" special service mode to ensure the highest product attendance rate.

LOW ENERGY CONSUMPTION

Parallel braking energy feedback, energy-saving control of thermal management system and energy-saving control of A/C, so as to realize the full load energy consumption per 100 kilometers $\leq 170\text{kWh}$



PARAMETER TABLE OF JIANGSHAN EV550

	Model	JIANGSHAN 6 × 4 composite electric tractor	JIANGSHAN 6 × 4 super electric tractor	
Complete vehicle	Overall dimensions (mm)	7345 × 2545 × 3715	7395 × 2545 × 3715	
	Operating weight (kg)	10700, 11200	12400, 12800	
	Maximum total mass (kg)	75000	120000	
	Maximum speed (km/h)	89	←	
Three-electric	Power battery	282kWh, 350kWh, 423kWh	282kWh, 350kWh	
	Energy supply mode	5 min top battery swap / 400A double gun DC fast charging	←	
	Charging time	10%–90% ≤ 1h	←	
	Drive motor	Motor rated power (kW)/torque (N.m): 270/1150	←	
		Motor peak power (kW)/torque (N.m): 405/2400	←	
	Transmission	Four-speed automatic transmission + Column shift	←	
	Thermal management system	Independent cooling unit	←	
	Vehicle management system	Autonomous VCU	←	
Chassis	Front axle/rear axle (speed ratio)	7t front axle / 11.5t rear axle (speed ratio 5.143)	7.5t front axle / 16t rear axle (speed ratio 5.92)	
	Wheel base (mm)	3800+1350	3800+1400	
	Frame (mm)	300*80*8	300*80* (8+7)	
	Leaf spring	Front 3 / rear 4 less leaf springs	Front 9 / rear 10 more leaf springs	
	Tire specification and model	12R22.5 18PR	12.00R20 18PR	
	Rim	Full steel	←	
	Saddle	90#	90# (Heavy duty type)	
	Steering	3000 W dual source power steering pump	5000 W dual source power steering pump	
	Brake	ABS+ESC	←	
	Electrical	Electrical configuration	Front collision warning system (FCW)	←
Lane departure warning system (LDW)			←	
Shoe wear alarm			←	
Power supply management			←	
Turning and reversing alarm			←	
Cab	Cab style	High-roof flat-floor cab	←	
	Rearview mirror	Electric heating + automatic adjustment	←	
	Dashboard	12-inch full LCD dashboard	←	
	Steering wheel	Multifunction steering wheel	←	
	Driver seat	Integrated airbag damping seat	←	
	Cab lifting system	Hand held electric lifting	←	
		Central control door lock	←	
		Remote control door lock	←	
	Power door lock	Integrated remote key	←	
		Power window switch	Power window lifting/lowering	←
		Wiper system	Ordinary multi-gear manual adjustment	←
		Light system	LED integrated headlight	←
		Loudspeaker	4 loudspeakers	←
		Cigar lighter	Cigar lighter	←
		Power socket	24V power supply	←
			USB-5V power supply	←
		A/C heater	Automatic driving A/C+ plumbing PTC	←
Large screen		12" multimedia	←	
Main power switch	Electronic main power switch	←		