2023

ELECTRIC LIGHT TRUCK

JAC MOTORS

safe and reliable

easy to drive and comfortable

multi scene application

econimical and energy-saving

ELECTRIC LIGHT TRUCK

LIGHT TRUCK

FOR NEW ENERGY, FOR GREEN

NEW FRONT FACE

01

Clean-cut, hard-edged, steady cabin
Compact and well-organized front face
Generating a sense of chasteness and elegance

02

Galvanized stampings,
better corrosion resistance

03

Reinforced steel, high-strength steel plate used in 13 critical parts with energy absorption technology.

All-new style front chroming grille, Dual colors,
"Shark jaws" type front bumper Strong visual impact.

Deflector(optional)

Heightened dynamic deflector,
less windage, more energy-efficient

Door mirror

Wider mirror, broader vision
Heated function, defrosters and demisters

"C" type LED daytime running lights, lens type LED headlights with cooling appearance
High beam and low beam intergrated, larger reflection bowl, stronger brightness, and longer lifespan
Rectangular front fog lights, coordinated with the front headlight

COMFORTABLE

SAFE AND RELIABLE

The road is a complex and constantly changing environment and everyone can do with a bit of help to stay safe. With our Advanced Driver Assistance Systems (ADAS), you have a complete network of active and passive safety features all working together constantly to protect you and other drivers and pedestrians. With state-of the-art sensors and multiple cameras, ADAS is the smarter way to safer roads.

AEB / Autonomous Emergency Braking

If the driver fails to brake in the case of a pedestrian, cyclist or other vehicle appearing unexpectedly, the AEB system brakes automatically to avoid or mitigate a collision. The brake light will be illuminated during this process.

ADVANCED EMERGENCY BRAKING

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LDWS

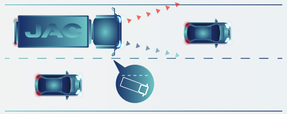
Lane Departure Warning System

Through detecting vehilce location on road by real-time monitor, caculating the distance between vehicle and road markings, comparing the distance with settled alert distance, and determining whether warns or not. When lane departure is detected, LDWS will alert driver. Then driver could take actions and go back to original lane.

ESC

Electronic Stability Controller

ESC uses data from a number of sensors, to monitor driver input and vehicle control. If it detects understeer, oversteer or roll-over, ESC can override driver input, reduce power and/or apply individual wheel braking and assist the driver to maintain vehicle control.



HSA

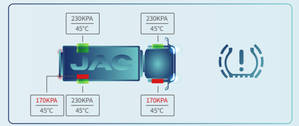
Hill-start Assist

When the vehicle starts on a slope, during the period of switching from the brake pedal to the accelerator pedal, vehicle tends to slide backwards which makes it more difficult to start. The hill-start assist temporarily applies brake forces to all four wheels to prevent the vehicle from sliding.

TPMS

Tire Pressure Monitoring System

During vehicle operation, TPMS applys real-time monitor to tyre pressure. When leakage and low pressure is detected, alert will be sent for ensuring driving safety.

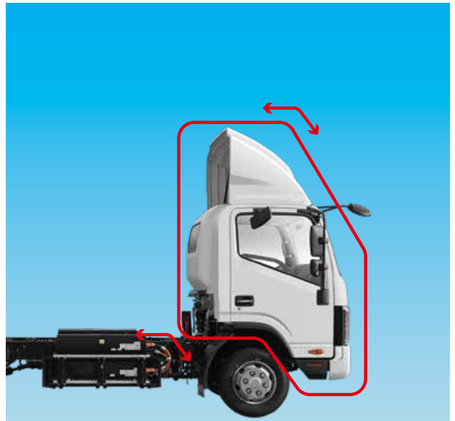


SAFE AND RELIABLE

Passive safety technology is designed for alleviating the damage of traffic accidents. Through avoiding or managing the impulse of crush, reducing the possibility of damage. It is important for preventing damage and saving life.

AIRBAGS

Dual airbags: when crush occurs, severe impact is identified by Supplement Restraint System, airbags deploy in one second, buffer the effect on occupant and reduce harm.



Cabin tilting reminder

When cabin tilting is not locked, failure indicator on dashboard will remind driver, preventing casualties and damage due to driving under unlocking cabin state.

High voltage inter-lock

When vehicle is under high voltage state, high voltage inter-lock prevents people from electric shock due to misoperation. Failure indicator will remind when malfunction appears.

Pre-tensioner seatbelt

When crush occurs, pre-tensioner seatbelt protects the safety of passengers effectively by cooperating with airbags.

Door unlock, power off after crush

After crush occurs, VCU will command the Power Distribution Unit to interrupt the circuit, avoiding secondary injury from electricity leakage. Meanwhile, Intelligent Electrical Center command door to unlock, which is convenient for occupant to escape.

SAFE AND RELIABLE

Reliability verification

More than 50000km test mileage
Verified on mountain road, highway, urban road, and special enhanced testing road

Performance testing

13 tests including AEBS, LDWS, ESC, ABS, Brake, NVH, Wading safety, Power performance, Fuel economy,Thermal balance, and Air conditioning.

Market testing

Launched in North America, Europe and Southeast. Gained appreciation and endorsement from users after on-the-spot testing drives.

SAFE AND RELIABLE

Driving expirence is similar to passenger car.
Intelligent, quiet and comfortable cabin make you feel like in a cozy home.

Lower noise and quieter

Automatic lighting system

Shock-absorbing seat relieves waist fatigue.

Right control knob

Adjustable steering wheel

Multiple media device

10.4 Inch Touch Screen Entertainment System, with multi-function intergrated, more intelligent and convenient.

Electrical Park Brake

EPB+Auto Hold

Simplified the operation process and vehicle structure, creating a more comfortable driving space for drivers.
With more intelligence, convenience, safety, during hill-start process, EPB+Auto hold could avoid slide backwards and reduce the possiblity of accident.
If the driver forgets pulling handbrake after vehicle stalling, EPB will help to complete the handbrake pulling process.

10.4 Inch Touch Screen

Supporting radio, bluetooth audio play and speaker-phone.
Integrated reverse camera with optional visual parking function.
Integrated electric air conditioning control, optional tire pressure monitoring display;
Support AppleCarplay&Android Auto, vehicle-phone projection function, enhanced interconnection, entertainment, and communication function.

MULTI SCENE APPLICATION

Our electric light truck could be refitted into different bodies based on market requirements, including Refrigerated box, Cargo box, Sanitation, Open cargo, etc.

With multiple wheelbase and excellent carrying capacity, our trucks could handle various goods.

Multiple wheelbase

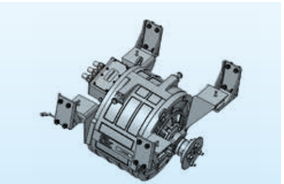
Covering 3365/3845/4475mm wheelbse, satisfying the requirement of carrying different goods.

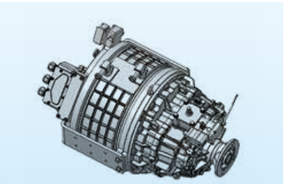
MULTI SCENE APPLICATION

TWO OPTIONAL POWER TRAINS

Two optional power train could fit different climbing requirements, and adapt to different countries, cities, and road conditions.
20%(approximately 11.3 degree) and 30%(approximately 16.5 degree) gradient

Technical parameter	Power 1	Power 2
Driving motor type	permanent magnet synchronous motor	permanent magnet synchronous motor
Motor model	PTL368N1200K130M01	TZ365XSC08
Rated-peak power (kW)	65/130	90/171
Rated-peak torque (N.m)	415/1200	550/1050
Transmission model	/	2E110
Transmission Brand	/	FAST
Transmission ratio	/	2.770/1.000





ECONOMICAL AND ENERGY-SAVING

Longer range

300Km

Faster charge

0.8h

Range: under 40km/h constant speed conditions

Charging time: under 120Kw charging power, SOC from 20% to 80%

Truck driving scenes are complex and variable. We have developed different energy recovery strategies according to different driving scenes.

Flat road sliding

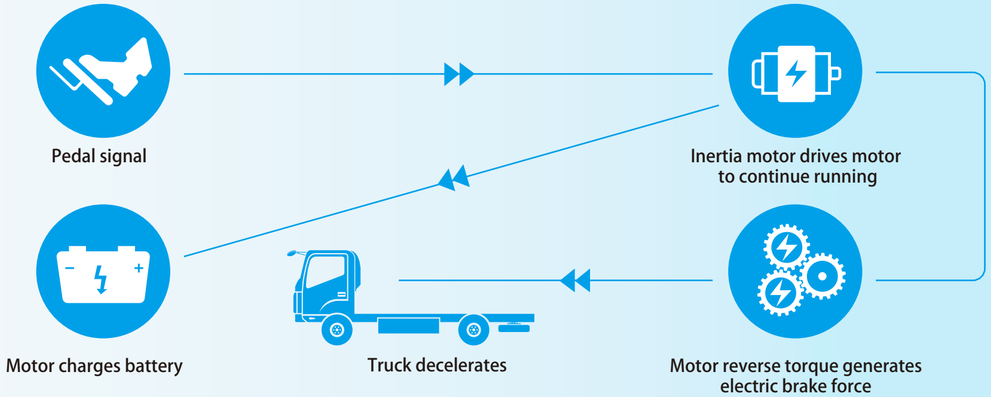
Weak energy regeneration which generates weak brake force, without influencing driving expirence, reproduce electric energy, and enhance range.

Braking

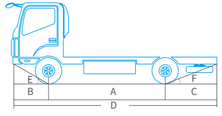
Strong energy regeneration which generates strong brake force, assist driver in braking and enhance energy regeneration efficiency and range.

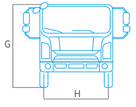
Long slope sliding

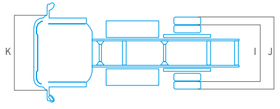
Push one button to start ECO model. Long slope sliding requires stronger brake force. Under this working condition, the energy regeneration efficiency and brake force assist are the strongest, which could prevent brake from overheat and failure.



Series	N55 EV		N75 EV					N90 EV		
Quality Parameters										
GVW(kg)	5500		7490					9000		
Power Battery										
Battery type	Lithium -iron Phosphate		Lithium -iron Phosphate					Lithium -iron Phosphate		
Brand	CATL		CATL					CATL		
Total capacity (kWh)	89.13 /106.95		89.13 /106.95					89.13 /106.95		
Charging standard	CCS2		CCS2					CCS2		
Drive Motor										
Rated/Peak power (kW)	65/130		65/130		90/171			90/171		
Rated/Peak torque (N.m)	415/1200		415/1200		550/1050			550/1050		
Transmission										
Model	/		/		2E110			2E110		
Ratio	/		/		2.770/1.000			2.770/1.000		
Brake System										
Brake Type	Air Brake									
Service Brake	Front disc, Rear drum									
Parking Brake	Electronic Hand Brake									
Braking Energy Recovery	Y									
Dimensions										
Wheelbase (mm)(A)	3365	3845	3365	3845	3365	3845	4475	3365	3845	4475
Length(mm)(D)	5995	7025	5995	7025	5995	7025	7880	5995	7025	7880
Front Overhang (B)	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110
Rear Overhang (C)	1520	2070	1520	2070	1520	2070	2295	1520	2070	2295
Front Wheel Track (H)	1716	1716	1716	1716	1716	1716	1716	1716	1716	1716
Rear Wheel Track (I)	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Cab Width (K)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
Rear Wheel Width (J)	2105	2105	2105	2105	2105	2105	2105	2105	2105	2105
Height(mm) (G)	2323	2323	2323	2323	2323	2323	2323	2323	2323	2323
Approach Angle (E)	20	20	20	20	20	20	20	20	20	20
Departure Angle (F)	10	11	10	11	10	11	12	10	11	12
Tire	215/75 R17.5 Rear Double Tire		215/75 R17.5 Rear Double Tire					215/75 R17.5 Rear Double Tire		
Vehicle Performance										
Mileage(km) (40km/h constant speed driving condition)	⩾330 / ⩾390		⩾310 / ⩾370		⩾320 / ⩾340			⩾290 / ⩾340		
Max Speed (km/h)	90		90					90		
Max Gradability(%)	20		20		30			30		







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Compact and well-organized front face
Generating a sense of chasteness and elegance

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Galvanized stampings,
better corrosion resistance

03

Reinforced steel, high-strength steel plate used in 13 critical parts with energy absorption technology.

Double U-shaped bumper bracket improves the safety of the whole vehicle.

Deflector(optional)

The guide cover is made of SMC material and adopts integral thermoplastic molding process to improve the economy of the whole vehicle.

Door mirror

Wider mirror, broader vision
Heated function, defrosters and demisters

LED daytime running lights with 16 small wicks. Long life, a good helper for driving in the early morning and evening and foggy weather.
Headlights are halogen projection type, which has the characteristics of more beautiful appearance, longer projection distance and brighter!

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SAFE AND RELIABLE

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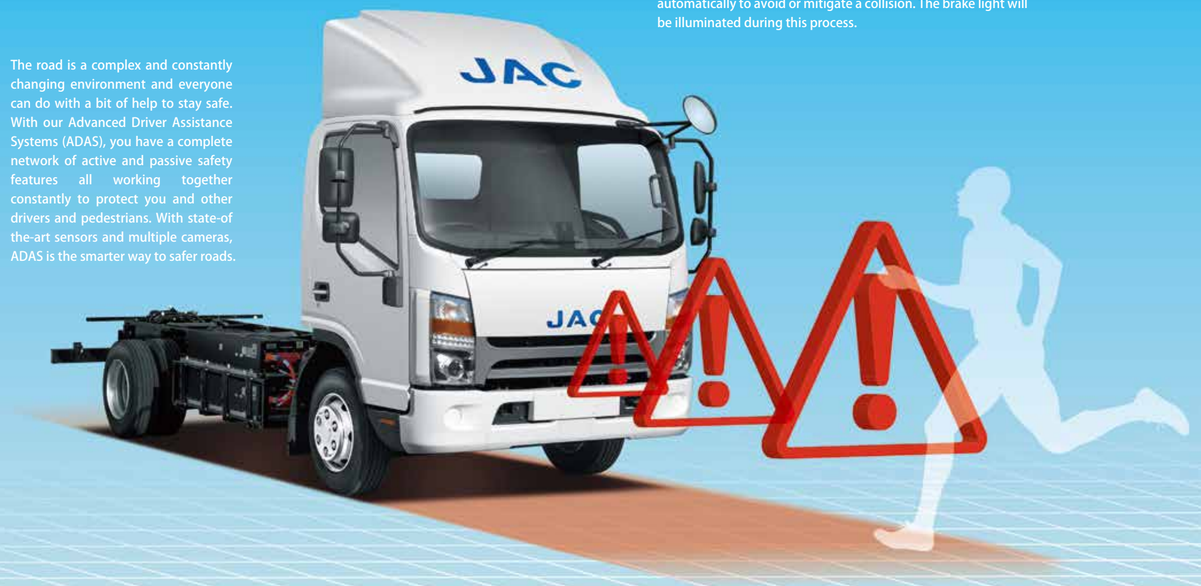

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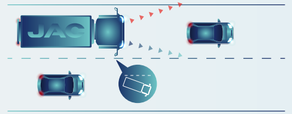

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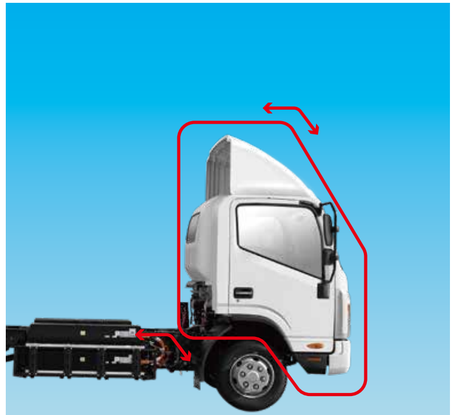

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Shock-absorbing seat relieves waist fatigue.

Electrical Park Brake

8 Inch Touch Screen

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EPB+Auto Hold

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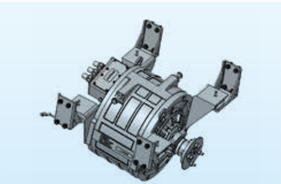

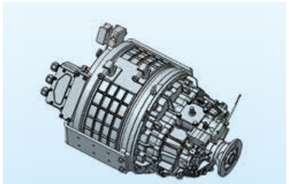

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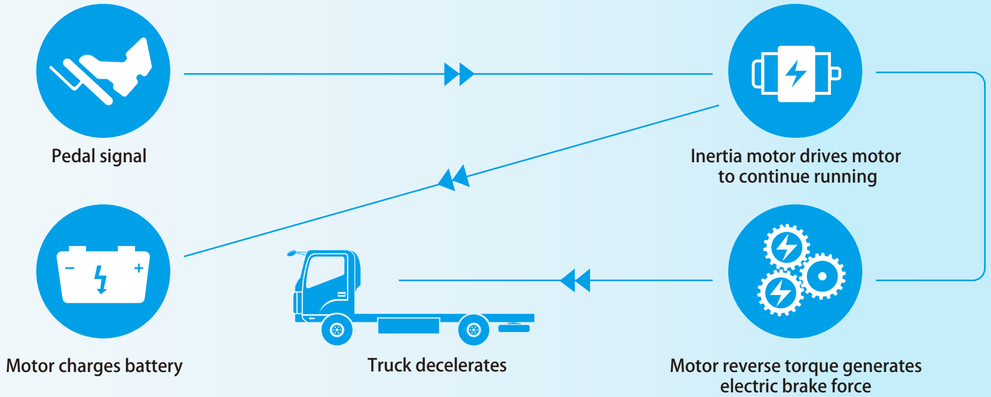

Series	N55 EV		N75 EV			N90 EV		
Quality Parameters								
GVW(kg)	5500		7490			9000		
Power Battery								
Battery type	Lithium -iron Phosphate		Lithium -iron Phosphate			Lithium -iron Phosphate		
Brand	CATL		CATL			CATL		
Total capacity (kWh)	106.95		106.95			106.95		
Charging standard	CCS2		CCS2			CCS2		
Drive Motor								
Rated/Peak power (kW)	65/130		65/130		90/171	90/171		
Rated/Peak torque (N.m)	415/1200		415/1200		550/1050	550/1050		
Transmission								
Model	/		/		2E110	2E110		
Ratio	/		/		2.770/1.000	2.770/1.000		
Brake System								
Brake Type	Air Brake							
Service Brake	Front disc, Rear drum							
Parking Brake	Electronic Hand Brake							
Braking Energy Recovery	Y							
Dimensions								
Wheelbase (mm)(A)	3365	3845	3365	3845	3845	4475	3845	4475
Length(mm)(D)	5995	7025	5995	7025	7025	7880	7025	7880
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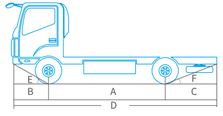
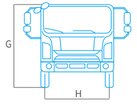
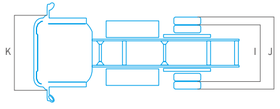
Rear Wheel Track (I)	1650	1650	1650	1650	1650	1650	1650	1650
Cab Width (K)	1995	1995	1995	1995	1995	1995	1995	1995
Rear Wheel Width (J)	2105	2105	2105	2105	2105	2105	2105	2105
Height(mm) (G)	2323	2323	2323	2323	2323	2323	2323	2323
Approach Angle (E)	20	20	20	20	20	20	20	20
Departure Angle (F)	10	11	10	11	11	12	11	12
Tire	215/75 R17.5 Rear Double Tire		215/75 R17.5 Rear Double Tire			215/75 R17.5 Rear Double Tire		
Vehicle Performance								
Mileage(km) (40km/h constant speed driving condition)	⩾390		⩾370		⩾380	⩾340		
Max Speed (km/h)	90		90			90		
Max Gradability(%)	20		20		30	30		







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