

Configurations		
For safety	Steering speed limit	●
	Reverse handle with horn	●
	OPS	●
	Safety protecting function of multiway valve overload	●
	Reverse buzzer	●
	Upper buffering	●
	Central wide-angle rearview mirror	●
	Rearview mirrors on two sides	○
	Front protective net	○
	Seat with safety belt	○
	Dry powder fire extinguisher (0.5kg)	○
	Dry powder fire extinguisher (2kg)	○
	Reverse Chinese voice speaker	○
	Reversing parking sensor (4 probes)	○
Reversing image(1 camera+ 4 probes)	○	
For driving comfort	Semi-enclosed seat	●
	USB (5V/1A)	●
	Steering with steering wheel start	●
	Mechanical operation valve	●
	Colorful instrument	○
	Full suspension seat	○
	Electromagnetic operated valve	○
	Fan	○
	Heater	○
	For cab/windshield	Panel mounted cab
Front windshield		○
Rear windshield		○
Top windshield		○
For lighting	LED lights	●
	LED flickering warning lights	●
	LED rear working light	○
	LED red/blue rear working light	○
	Red/blue strip lights on rear and bilateral sides	○
	LED rotating warning light	○
Others	LED rotating and beep warning light	○
	Metric thread	●
	Solid tyre	●
	Solid tyre without travelling marking	○
	Sleeve for tilting cylinder	○
FCIS	●	

Note: "●" standard; "○" optional;

CPD15/16/ 18/20SQ A2LiG3-M



LIION 1.5-2 t
G3 series front wheel dual drive
lithium battery truck (three wheel)



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POWERFUL AND FLEXIBLE

 Comfort and energy saving

 Stable and Reliable

 Intelligent security

 Convenient maintenance

APPEARANCE

The appearance is grand and the colors are beautiful; The performance is excellent.

COMFORTABLE AND ENERGY-SAVING

The truck provides users with the best comfortable driving experience. The truck adopts advanced energy-saving technologies for a greener and more environmentally friendly environment

G3 series family design elements

Sheet metal stamping type side cover, side door

Wide view mast
Optimized mast improves lateral stability.

Mobile phone and water cup holder offer convenient storage.

Optimized mast improves lateral stability.

The steering wheel is sensitive, lightweight, precise, and power-saving when starting and turning.

The steering wheel is optimized with height reduction
And structure improving;
Adjustable angle; Comfortable operation

Color screen instrument

PES third gear adjustment

P	Powerful	} Multi performance modes satisfy the needs of various working conditions.
E	Economical	
S	Energy-saving	

FRONT WHEEL DUAL DRIVE MOTORS PROVIDE MORE POWER

Strong performance:
The truck is equipped with ZF dual motor drive unit.

The truck has small turning radius and good passability.

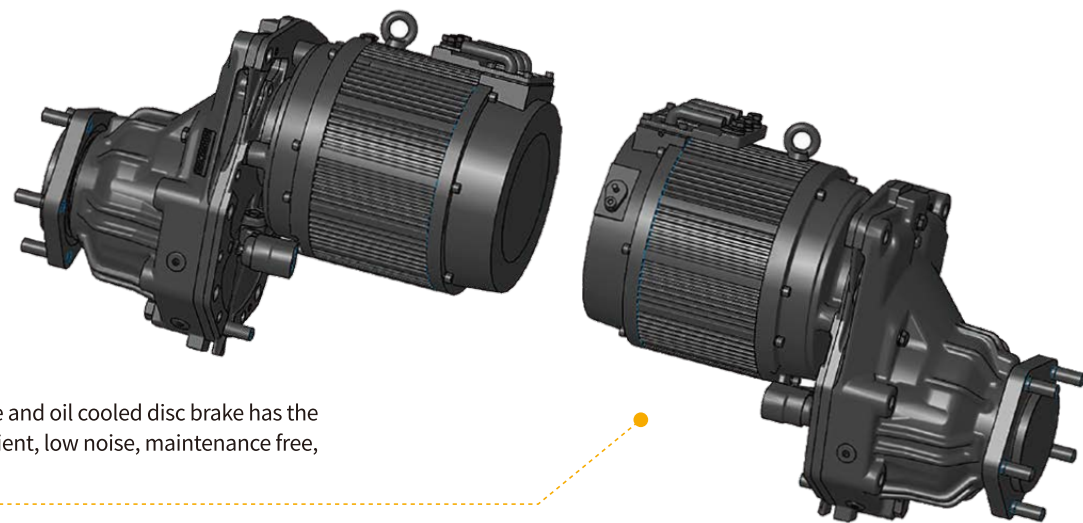
The minimum turning radius is as low as **1515mm**

	16km/h Driving speed
	20% Maximum gradeability with load
	Good bearing capacity at high position
	0.45m/s Maximum lifting speed with load
	0.6m/s Maximum lifting speed without load



TABLE AND RELIABLE

The product is designed with the concept of stability and reliability, and has undergone multiple rigorous tests and verifications.



Wet type service brake and oil cooled disc brake has the characteristics of efficient, low noise, maintenance free, and reliable.



National standard fast charging port supports up to 200A fast charging



The entire truck and its components meet the latest CE & UKCA requirements.

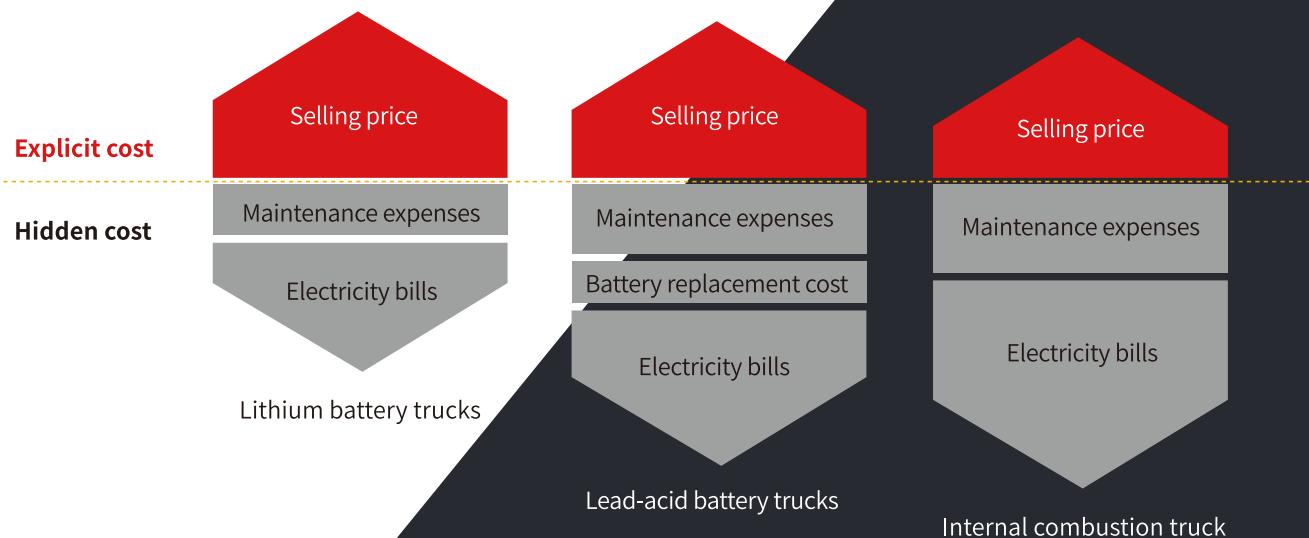


Ratchet type hand brake is safe and reliable.

OPERATING COSTS:

Lithium battery forklift truck **VS** Lead-acid battery forklift truck **VS** internal combustion forklift truck

The superiority of Heli lithium battery forklift is more prominent in its cost of use throughout its lifecycle. Compared with lead-acid battery truck and internal combustion truck, lithium battery truck are more cost-effective due to their maintenance free and high energy conversion rates. Compared to internal combustion trucks, lithium battery trucks have advantages such as no noise, no pollution, low vibration, and simple operation. Lithium battery trucks have the characteristics of fast charging and on-demand charging compared to lead-acid battery trucks, making them more suitable for multi shift work applications.



STRICT TEST

Rain test, reliability enhancement test, vibration test, bumps test



Rain test

the truck reaches to IPX4 protection level after simulating operation under 15 min rainstorm and it meets outdoor operation requirements.



Vibration test

Conduct vibration frequency testing on the truck to optimize and improve operational comfort.



Cold storage test

The whole truck was operated alternately in a -20 °C cold storage for 6 hours, and parked in the cold storage for 12 hours. The whole truck has no faults and could operate continuously

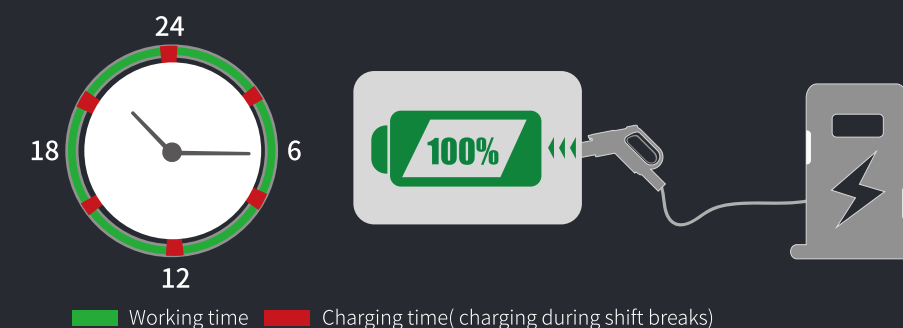


Reliability enhancement test

The truck undergoes 800 hours of enhancement test (including climbing, rain exposure, bumpy road surfaces, etc.).

FAST CHARGING AND ULTRA LONG BATTERY LIFE

- The truck is standard equipped with 202Ah lithium battery which has ultra long battery life.
- The battery satisfies uninterrupted operation during all day.
- The 2t truck model can be equipped with a maximum optional 404Ah lithium battery.



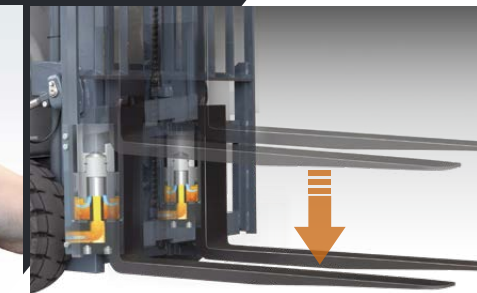
INTELLIGENT SAFETY

The product is designed with intelligent security as its core and has multiple advanced security technologies.

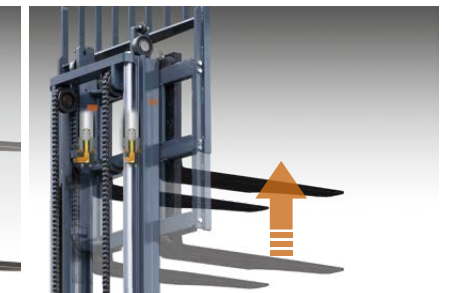
- Electric brake and wet type brake offer dual protections.
- Intelligent differential speed of left and right motors
- Hydraulic pipeline anti-burst protection, forward tilt self-locking protection
- Electrical multiple protection: dual wire system, short circuit protection, overheating protection, low battery protection, sequential protection
- Parking safety reminder
- Slope sliding reminder
- Reverse handle with horn



The integrated card swiping function of the instrument meets the requirements of TSG 81.

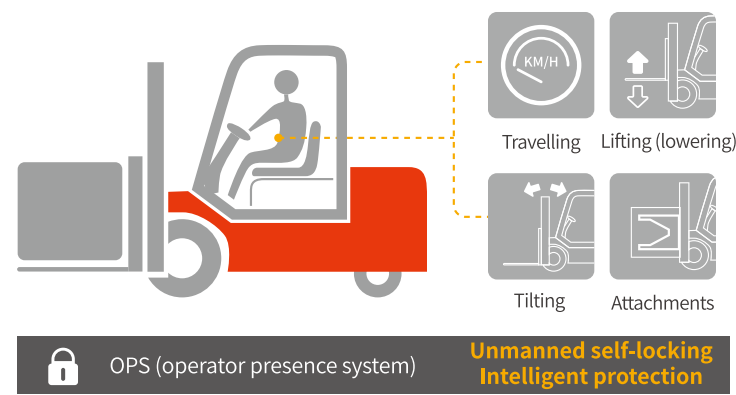
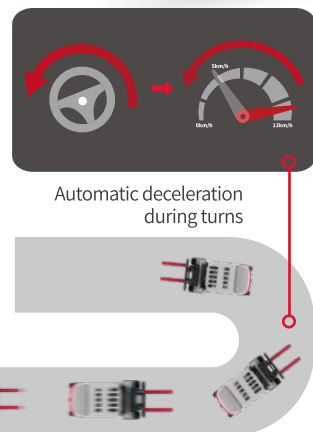


Mast lowering buffer



Mast lifting buffer

- Dual core controller
- Automatic deceleration for steering
- OPS



The hydraulic oil tank is located on the left side for easy filling and checking.



Maintenance-free steering axle

Heli Intelligent Fleet Management System (Standard Domestic Basic Edition)

Truck positioning	Statistics report
Remote diagnosis	Truck management
Remote monitoring	Identity recognition
Maintenance remind	Weighing management (optional)
Battery management	Collision management (optional)



EASY MAINTENANCE
Time-saving, convenient and efficient

