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ISO14001
ISO14001:2015



ISO9001
ISO9001:2015



HANGCHA trucks conform
to the European Safety
Requirements.

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J Series Electric Forklift Truck

with capacities of 5,000 to 8,500kg

The World of Hangcha



LITHIUM POWERED



HANGCHA provides Li-Ion battery (LiFePO4) with 5 years or 10000 hours warranty.

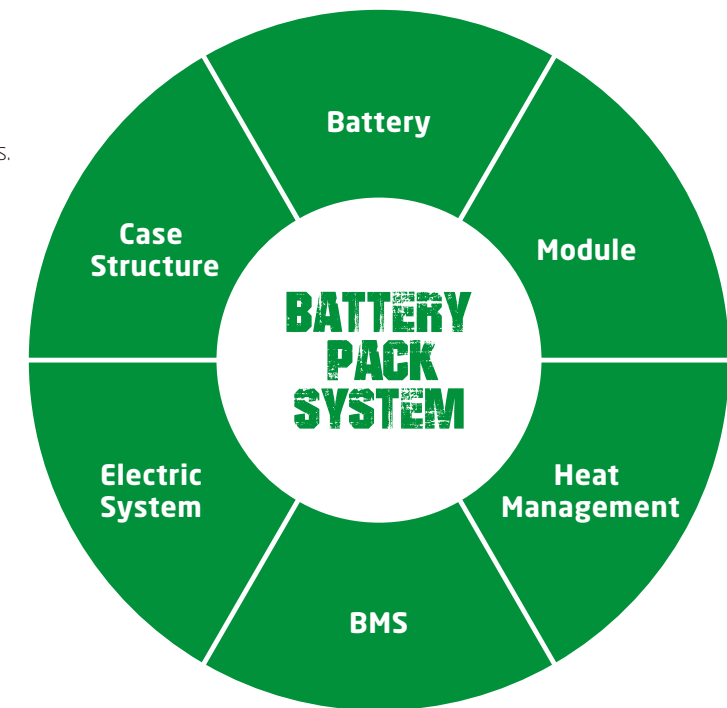


**5 YEARS
WARRANTY**

INNOVATIVE SOLUTIONS NEW POWER NOW

Innovative, reliable lithium-ion technology (Lithium Iron-Phosphate), which are developed jointly by HANGCHA and CATL. Battery cells and modules are from CATL, with reliable quality, exclusively for HANGCHA.

- / We use square lithium iron phosphate batteries and modules used in large quantities by commercial vehicles in mature economies.
- / The module uses an aluminum alloy frame which is sturdy, lightweight and with excellent heat dissipation.
- / Safe and effective: Charging efficiency as high as 98%, thermal runaway temperature 600 °C or above.
- / Adapted to low temperatures: Comes standard with an electrical heating feature , ensuring normal operation in low temperatures.
- / Quick charging: 2 hours full charge, economic use of each break.
- / Long-working: 4000 charging cycles, capacity retention greater than 80%.
- / Maintenance-free: Battery does not require manual maintenance.
- / Green and clean: Pollution-free, zero emissions.



Li-Ion
**2 hours
100%**

Lead-acid batteries
8-10 hours 100%

Rapid charging and opportunity charging ensure continuous availability of vehicles.

Li-Ion powered forklifts are always available. They allow for fast full charging or boost charging (100 % charge in 2 hours). They are maintenance free and do not require a battery change when used for multi-shift operations.

Li-Ion Battery Pack specification

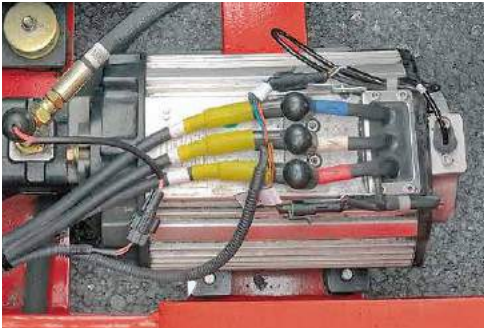
Type		CPD50J-I	CPD55J-I	CPD60J-I	CPD70J-I	CPD80J-I	CPD85J-I
Li-Ion battery	V/Ah	96.6/542	96.6/542	96.6/542	96.6/542	96.6/542	96.6/542
Titans charger		SLC-96250WX	SLC-96250WX	SLC-96250WX	SLC-96250WX	SLC-96250WX	SLC-96250WX

Appearance

/ Body choosing modern large circular arc streamline surface modeling, is in accordance with international design trend.

Comfortable

/ Soft landing system is applied for it, when the fork lows to 100-500mm to ground, the soft landing system is auto operated, it can avoid the forks dashing against the ground.
/ New dashboard is easy to see and provides friendly human-computer interaction with multiple functions.
/ Low noise, energy saving and no exhaust emission, all meet the environment friendly requirement.



/ Steering braking and lifting hydraulic adopts two independent hydraulic system, to ensure the braking performance, realize the joint operations.



/ The front-rear type designed battery layout technology provides excellent stability.



/ Ergonomically designed adjustable angle of steering wheel, and 150mm adjustable distance of seat, both provide better operator's comfort of different operators.



/ International advanced Full-AC controller can control the travelling, lifting, braking and turning action. It provides stable and accurate control, speed control performance is superior, regenerative braking, reverse connect braking, anti-slope and other functions, make the operation more efficient, safe and comfortable.

Standard specification

- / Full-AC motor & controller
- / Multi-function dashboard
- / Full electric controlled travelling, lifting, steering and braking
- / Front light system, turning indicator,combined rear light
- / Standard battery
- / Emergency switch
- / Reversing beeper
- / Full hydraulic steering and braking
- / Suspension seat
- / Soft landing system
- / 3m duplex wide view mast
- / Standard forks
- / Super elastic solid tyre
- / Left and right rear view mirror
- / Toolbox
- / Pin

Options

- / Big capacity import battery
- / Charger
- / Rear working light
- / 5-8t dual tyre
- / Colored solid tyre
- / Duplex mast with full free lift
- / Triplex mast with full free lift
- / Other length fork
- / Wider or higher load backrest
- / Attachments

Battery

Capacity(Ah/5h)	5t	5.5t	6t	7t	8/8.5t
560	●				
630	○	○			
640	○	●			
725	○	○	●		
735	○	○	○		
810	○	○	○	●	
840	○	○	○	○	
945	○	○	○	○	●

Note: ● STD. ○ OPT.



Small dimension solid tyre



You can open the door on each side, it make the motor, oil pump and electrical controller maintenance is very convenient, provide good waterproof and dustproof



New designed broad view mast provides better forward view ability



Human-computer interaction dashboard



Full opened battery cover is easy for battery service



Easy/ Efficiency/ Economy

Advanced

- / Big LCD dashboard is easy to see and provides friendly human-computer interaction and with running hours, self-diagnosis function and mode selection.
- / Regenerative brake(When parking, reversing and declining, the drive motor will charge the battery, energy saving).
- / Energy saving LED lamp.

AC Advantages

- / Three motors are all Full-AC, free maintenance, low cost.
- / High efficiency AC system with full protection functions provides reliability and long working life.

Reliability & Safety

- / Motor controller, contactor, power plug, emergency switch, instrument and other major electrical components adopt international brand products.
- / Electronic and hydraulic overload protection device.
- / CE Certification.

