

Standard Features	Options
/ High efficiency AC driving motor	/ Side way battery change (Using pallet truck or trolley)
/ Special for truk's lifting motor	/ Big capacity Chinese made battery
/ Multi-functions dashboard	/ Cold store application
/ Full electronic controlled travelling, lifting and steering	/ High performance import battery
/ Front lighting system, turning indicator, LED combined three colors's rear lights	/ Battery charger
/ Big dimension rubber pad	/ Rear lighting system
/ Sheet meatl stamping made front and rear bottom plate	/ Front dual tyre
/ Sheet metal stamping made left and right cover and battery cover	/ SE tyre
/ Reversing beeper	/ Non-marking tyre
/ Full hydraulic steering	/ Suspension seat with higher OHG
/ Storage box	/ Left and right rear view mirror
/ Soft landing system	/ Reversing hand grip with horn button
/ Standard forks in red	/ Wide fork carriage
/ 3m duplex wide view mast	/ Wide or higher load backrest
/ Tow coupling	/ Other dimension forks
/ Center located rear view mirror	/ Duplex mast with full free lift
	/ Triplex mast
	/ Integrated side shift
	/ Other attachments
	/ OPS
	/ Blue spot light
	/ Other specification on demand

HANGCHA

ZHEJIANG HANGCHA IMP. & EXP. CO., LTD.

Factory site: 666 Xiangfu Road,
Hangzhou, Zhejiang, China (311305)

Tel: +86-571-88926735 88926755
Fax: +86-571-88926789 88132890

sales@hcforklift.com
www.hcforklift.com

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ISO14001
ISO14001:2015

ISO9001
ISO9001:2015

HANGCHA trucks conform to the European Safety Requirements.

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A Series Electric Forklift Truck

with capacities of 1,000 to 3,500kg

The World of Hangcha

HANGCHA

LITHIUM POWERED



LI-ION TECHNOLOGY

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

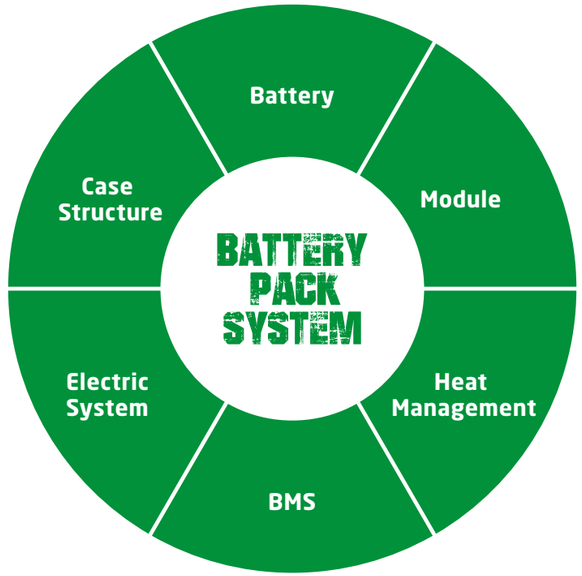
CHARGING 4000 CYCLES DISCHARGE

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 ℃ or above.
/ Adapted to low temperatures: Comes standard with an electrical heating feature , ensuring normal operation in low temperatures.
/ Quick charging: Can charge and operate at the same time, fully charged in 2hours.
/ 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.



TITANS CHARGER

Li-Ion Battery Pack specification

Type		CPD10-AC4-I CPD10-AD2-I	CPD15-AC4-I CPD15-AD2-I	CPD18-AC4-I CPD18-AD2-I	CPD20-AC4-I CPD20-AD2-I	CPD25-AC4-I CPD25-AD2-I	CPD25-ALC4-I CPD25-ALD2-I	CPD30-AC4-I CPD30-AD2-I	CPD35-AC4-I CPD35-AD2-I
Battery voltage, capacity	V/Ah	80/202	80/202	80/202	80/271	80/271	80/404	80/404	80/404
Titans charger		SLC-80100	SLC-80100	SLC-80100	SLC-80100	SLC-80100	SLC-80200	SLC-80200	SLC-80200

Appearance

Applied advanced new designing method, world famous designing company designed, make the eye catchable stream outline of the truck chassis. Small dimension, simple appearance, and metal material applied for the exposed parts, all provide robust construction of the A series.

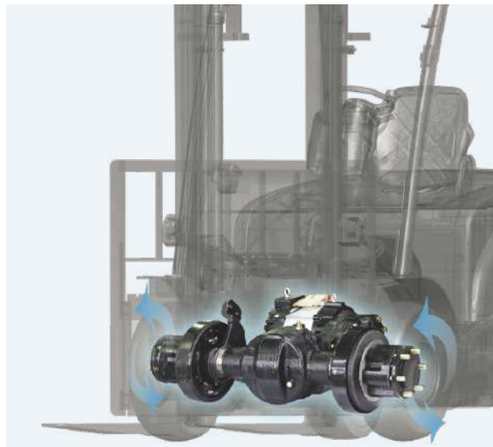
Power Train





Stability

Advanced parallel layout of drive motor and lower located battery up to chassis bottom provide good stability to the truck.



Intelligent

/ First-class R&D and testing facility.
/ First-class production quality management system.
/ First-class manufacturing facility.
/ First-class environment and control.







Comfortable Operation

Ergonomic

The new designed steering wheel\ new brake system and the easy-to-operate levers provide total handling operation.



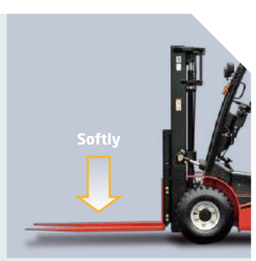


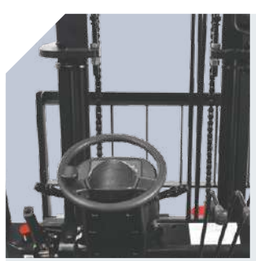
Seat

The extra foot space is provided to reduce operator fatigue significantly. The new wide-open, non-slip step makes getting in and out easy and safe.

Soft landing

In addition to the soft landing system, the soft lifting system is adopted (front lifting cylinders of triplex mast and full free dup-lex mast) , as a result, the noise and shock of the mast significantly decreases.





Wide view mast

New designed wide view mast provides better forward view ability.

Advanced

High frequency MOSFET controller provides accurate control of travelling, lifting, and better adjustable performance, and better matches the motor. Regenerative braking, reverse current braking and anti-slide on slop function guarantee the operation safety.

Multi functions big LED dashboard provides running hours, battery power, and self diagnosis functions, and with high accuracy even in bad environment.

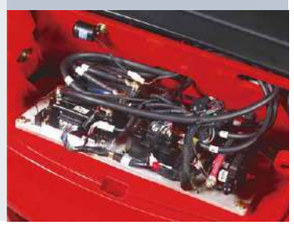
Regenerative braking is more energy saving and efficiency during truck's deceleration, direction changing, and driving on downwards slope.

C3/C4 system

CURTIS big LED dashboard. Non-handset Operation



Imported high performance, and new generation AC controller



D2 system

HANGCHA dashboard



Inmotion GEN 6 controller



1. Low center of gravity provides good turning stability, and better operator's driving comfort. 150mm adjustable distance of seat provides better operator's comfort of different operators.
2. Soft landing system is applied for A series. When the forks lower to 60-100mm to ground, the soft landing system is auto operated, and to avoid the forks dashing against the ground. New designed broad view mast provides better forward visibility.
3. Easy to see LED dashboard provides friendly interaction.
4. Low noise, no exhaust emission, and low energy consumption, all meet environment friendly requirement.



Service Ability

Full open battery cover, easy for battery service easy opened counter weight cover, to protect internal controller to avoid water and dust World famous brand electronics are applied in motor controller, contactor, power plug, emergency switch, dashboard, and accelerators.

Overloaded protection system is applied for electronics and hydraulics.

CE certificate is available.



Battery cover with auto lock spring for easy battery service and replacing, and clean the oil tank



Side battery changing solution is applied for heavy and long time application



Big dimension anti-slide rubber pad



Protective roof



Easy opened counterweight cover is to protect the internal controllers to avoid water and dust