



# V SERIES LITHIUM-ION FORKLIFT

Capacity 2,000 to 3,500kg



UN V Series Lithium-ion Forklift — the Second Generation Lithium-ion Forklift with brand new design. This new forklift adopts innovative and reliable lithium battery with CATL cell technology, Italy imported ZAPI controller and full AC motors. The combination of super performance and durability makes it a perfect replacement of IC forklift.

This new energy forklift will meet all your imaginations by its superiorities such as long working hours, high performance, zero emission, low maintenance and operation costs. This new model is proudly named "CAPTAIN". It's expected to dominate the future electric forklift market and lead the whole UN Forklift fleet to success like a captain.



**INDOOR & OUTDOOR**

**FASTER**

**SAFER**

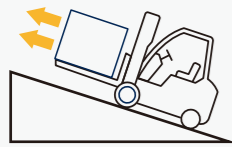
**MORE CONVENIENT**

**STRONGER**

**REPLACEMENT  
OF IC FORKLIFT**

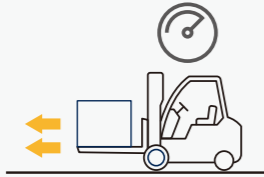
# SUPER PERFORMANCE & HIGH EFFICIENCY

- Faster speed of travelling, lifting and lowering turns to the great productivity.
- Strong gradeability.



**19%**

Max.Gradeability (with load)



**19km/h**

Travel speed (without load)



**440mm/s**

Lifting speed (with load)



**560mm/s**

Lifting speed (without load)

Note: the data displaced are all based on the model FB25-LVZH, And data for other trucks are shown in the table of technical parameters.

- Robust&enhanced structure with IC forklift type axle and mast make it safer and more reliable for heavy-duty applications.
- Well allocated ventilation & cooling system for the motor and battery BMS system, which are suitable for persistent long working hours conditions.



Cooling system



## Outdoor (all weather & rough area):

This Captain forklift is considered as a perfect replacement of IC forklift with its super performance, strengthened structure, high ground clearance, IP54 waterproof and dustproof.



## Indoor:

This Captain forklift can replace the traditional electric forklift inside the warehouse with more comfortable operation. The whole vehicle can be operated alternately in -20°C cold storage.

## Multi-shifts design- Side swapping battery:

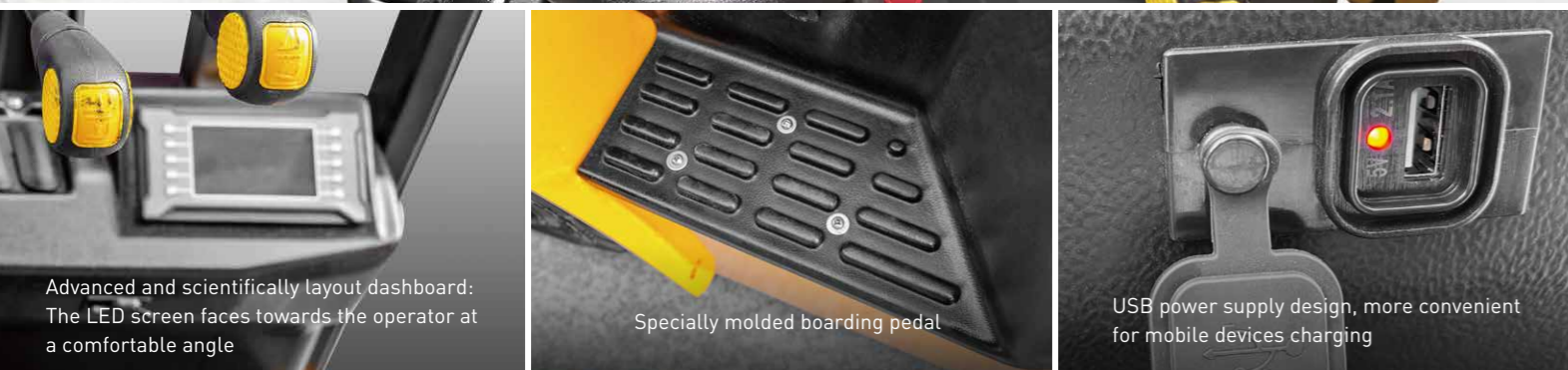
This Captain forklift adopts the side-swapping of battery pack function, which can easily replace the battery pack in a few minutes and save time.



## COMFORT AND ERGONOMICS

New designed wide view mast provides with super visibility.

5%  
WIDER



Advanced and scientifically layout dashboard: The LED screen faces towards the operator at a comfortable angle

Specially molded boarding pedal

USB power supply design, more convenient for mobile devices charging

Wider operation space, 50% larger operation space than traditional electric forklift, which is as large as IC forklift.

50%  
LARGER



## ADVANTAGES OF LITHIUM BATTERY TECHNOLOGY

5 YEARS WARRANTY

5-year battery warranty, about 4000 times long life cycle



Fully charged in about two hours, and can be charged to 80% in 1.5 hours



Maintenance-free with no odour from gases or battery acidification



Longer service life and lower maintenance compared with lead-acid batteries



Charging can be interrupted at anytime

## SAFE & EASY MAINTENANCE



Anti-slip function on hill and optional OPS function will make the operation safer. In addition, the low gravity center of forklifts reduces the tipping risks.



**BMS** provide protection of:

- Overcharge
- Overdischarge
- Overtemperature
- Overcurrent
- Short circuit

Integrated BMS continually monitors battery system and ensures safe operation.



Big open angle of the hood supports a better access to main parts.



ZAPI controller equipped with large colorful LED screen brings excellent visibility and more clear reading;

The CAN-bus helps operators monitor the forklift all the time.



Maintenance-free for lithium-ion battery, and side-swapping of battery pack for easy battery replacement.



Internal components are protected with fully-sealed hood, and equipped with IP54 waterproof and dustproof.