

30 min
1C Rate Fast Charge

— SUPER MODEL —
LITHIUM FORKLIFT



TCF



CATL

Super Model Lithium Forklift

3T & 3.5T High-voltage Lithium Battery "Super Model " Series counterbalanced forklifts are developed based on the operating conditions and performance of internal combustion forklifts. They have the characteristics of strong performance and fast charging. It is suitable for various tough working conditions and has the characteristics of rapid energy replenishment to meet the needs of continuous operations.

Automotive Grade Three-electric Components

Safe and Reliable

- Automotive grade thermal management system.
- Hydraulic explosion-proof, buffer.
- Overload protection, power outage protection.
- Multiple insulation testing...

- The high-voltage architecture has high integration and low failure rate.
- The protection level reaches IP67 and can easily work with different tough environments.

30 minutes 1C Rate Fast Charge

- CATL original liquid-cooled battery pack.
- Compatible with China/European standard car charging station.



Durable and Easy to Use

- Simple maintenance and low cost of use.
- Keep I.C. forklift operating habits.

Performance Beyond I.C. Forklifts

- The power performance exceeds that of I.C. forklifts of the same capacity.
- Permanent magnet synchronous motor with maximum efficiency up to 96%.

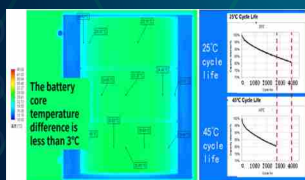
Smart and Multifunction

- Automatic slope parking, cornering deceleration, OPS function, three operating modes, remote diagnostic monitoring, reversing alarm reminder...

Super Model Lithium Forklift



Adopt the 309V high voltage and the battery is fitted cooling system, which can make the battery with fast charging. 1C rate charge for 30mins to make the SOC reach over 80%.



The cooling system pro-longed the lithium battery's life span.
The CATL lithium battery offer **8 years warranty** and sharing the CATL's Global Aftersales Network.



Adopt with IP67 protection level, this Super Model Forklift can be used for all tough working condition, such High Temper (+60°C), Low Temper (-30°C), High Altitude, Heavy Dust etc.



Adopt the Permanent Magnet Synchronous Motor, the battery working efficiency can reach 96%, for this reason this Super Model Forklift can work for longer hours than normal electric forklift.

Adapt to Various Tough Working Conditions



High Altitude 4000m



High Temperature 60°C



Low Temperature -30°C



Heavy Dust 4mg/m³