

POWER BATTERY



Lithium Ion Battery
Power Solution

for Forklift, AGV, ATV, Dune Buggy, Off-road Vehicle, etc

www.lishenpower.com

ORIGO Batteries

LISHEN

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Industrial Vehicle FSS⁺

FSS + series products are based on the latest lithium-ion battery technology, a power battery system specially developed for electric forklifts. It uses long-life lithium iron phosphate batteries to create more value for customers.

The strong power of the lithium battery endows the vehicle with greater vitality. The intelligent management system makes the vehicle smarter

Reliable

- Proven high reliability ORIGO Series lithium-ion technology
- limited warranty
- Standardized battery module unit
- Cooling (fans)
- Even under extreme power requirements such as full-load operation, the full energy of the battery is available

Smart

- Remote diagnosis
- Mobile app-based monitoring and control
- Continually monitors energy management and ensures reliable operation

Simple

- Fully integrated battery system
- Quick and easy plug-and-play installation
- No more battery changing necessary
- The charging can be interrupted at any time with no adverse effects
- No battery maintenance and does not emit

Gas

Safe

- Cells safety tested
- Lithium iron phosphate (LFP) chemistry for maximum safety and longevity

Value

- Short charging times, no maintenance and long battery life will greatly reduce your total cost of operation.
- May be used continuously in economical multi-shift operation
- No expensive battery changing systems with their heavy drain on time and human resources

Data Sheet

FSS + C48400NF2017



MODEL NUMBER	FSS + C48400NF2017
Nominal Voltage (V)	51.2
Voltage Range (V)	40~57.6
Nominal Capacity (Ah)	404
Max charging current (A)	350
Dimensions W/H/D (mm)	780 x 400 x 495
Weight (APPROX,Kg)	180
Cell Link Method	16S2P
Ambient operating temperature range 2	-20°C to 60°C (-4°F to 140°F)
Optimum operating temperature range	5°C to 30°C (41°F to 86°F)
Ambient operating temperature for charging 3	-5°C to 55°C (23°F to 131°F)
Heating	No
Cooling	Natural cooling or Fan
Enclosure rating	IP54
Power Display	Yes
Alarm	Yes
GPS Line	Optional
Remote Communication	Optional
Charging Connector	CREMA-160A-95012-01
Discharging Connector	REMA-160A-95011-41
Com Connector	C-AT04
Certifications	ICE62619, UN38.3
Warranty ⁴	Battery modules come with a 10000-hour warranty