

# POWER BATTERY



Lithium Ion Battery  
Power Solution

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

[www.lishenpower.com](http://www.lishenpower.com)

ORIGO Batteries

**LISHEN**

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## Industrial Vehicle FSS<sup>+</sup>

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 + C48540NF2237



|  |   |
|--|---|
| MODEL NUMBER                                 | FSS + C48540NF2237                              |
| Nominal Voltage (V)                          | 51.2  |
| Voltage Range (V)                            | 40~58.4   |
| Nominal Capacity (Ah)                        | 544   |
| Max charging current (A)                     | 400   |
| Dimensions W/H/D (mm)                        | 570 x 450 x 1010                                |
| Weight (APPROX,Kg)                           | 255   |
| Cell Link Method                             | 16S2P   |
| Ambient operating temperature range 2        | -20°C to 55°C (-4°F to 131°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                           | REMA-160A-95012-01                              |
| Discharging Connector                        | REMA-160A-95011-41                              |
| Com Connector                                | Amphenol C-AT04                                 |
| Certifications                               | ICE62619, UN38.3                                |
| Warranty <sup>4</sup>                        | Battery modules come with a 10000-hour warranty |