

Lithium Battery -Forklift Series

FP48-105



Features Of LiFePO4 Battery

- Long cycle life
- High integration, small size, high energy density
- Intelligent management of product usage status with high security
- Environmental protection
- Capable of 1C fast charging

Application scenarios

- Forklift
- Lead-acid battery to lithium battery vehicles
- Industrial control products
- Rescue vehicles such as scissor forklifts



Specification

| | |
|--------------------------|---------------------------------|
| Nominal Voltage | 51.2V |
| Working Voltage | 40-58.4V |
| Nominal Capacity | 105Ah |
| Energy | 5376Wh |
| Self Discharge | ≤3% Per Month |
| IP Grade | IP65 |
| Positive material | Lithium ironphosphate |
| Cell type | Prismatic |
| Combination method | 105Ah,1P16S |
| Weight | ABOUT 50.0KG |
| Dimension LxWxH | L585W328H234mm |
| Fixed size | L563W122mm |
| Terminal Type | FSP200180CW/CZ-UM8B2D |
| Shell type | Powder Coated Steel |
| Handle | YES |
| Storage Temp. short term | / |
| Storage Temp. long term | 0-30°C |
| Cycle Life | 5000 cycles |
| Heating function | No |
| Cooling type | No |
| Insulation | 20MΩ/1000VDC, @25±5°C, RH50% |

Charging

| | |
|-------------------------|--------|
| Recom. Charging Current | 50A |
| Upper limit voltage | 58.4V |
| Charging Temp. Range | 0~55°C |

DisCharging

| | |
|--------------------------|----------|
| Max Continuous Discharge | 100A |
| Max Discharge current | 150A@1S |
| Lower limit voltage | 40.0V |
| BMS Voltage Recovery | 44.8V |
| Discharge Temp. Range | -20-60°C |

Function (optional)

(CAN/RS485), Bluetooth, 4G, Screen, Charger

Physical Dimension-mm

