

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

