

# Lithium Battery -Forklift Series

## FP24-100



### 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	25.6V
Working Voltage	20-29.2V
Nominal Capacity	100Ah
Energy	2560Wh
Self Discharge	≤3% Per Month
IP Grade	IP65
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	105Ah,1P8S
Weight	ABOUT 24.0KG
Dimension LxWxH	L340W330H280mm
Fixed size	NO
Terminal Type	M8 Terminal Bolts, 12±2N.m
Shell type	Powder Coated Steel
Handle	YES
Storage Temp. short term	-20-45°C
Storage Temp. long term	5-35°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	29.2V
Charging Temp. Range	0~45°C

### DisCharging

Max Continuous Discharge	100A
Max Discharge current	300A@0.1S
Lower limit voltage	20.0V
BMS Voltage Recovery	22.4V
Discharge Temp. Range	-20-55°C

### Function (optional)

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

### Physical Dimension-mm

