

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	100Ah,1P8S
Weight	ABOUT 24.0KG
Dimension LxWxH	L340*W330*H280mm
Fixed size	NO
Terminal Type	M8 Terminal Bolts,12±2Nm
Shell type	Powder Coated Steel
Handle	YES
Storage Temp. short term	-20-45℃@one month
Storage Temp. long term	0~35℃@one year
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5℃, RH50%
Certification(Program)	UN38.3



Charging

Charging Freeze Protection	<0℃
Recom. Charging Current	50A
Upper limit voltage	29.2V
Charging Temp. Range	0~45℃

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℃

Function (optional)

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

Physical Dimension-mm

