

# Lithium Battery -Forklift Series

## FP72-28



### 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	73.6V
Working Voltage	57.5-83.95V
Nominal Capacity	28Ah
Energy	2060.8Wh
Self Discharge	≤3% Per Month
IP Grade	IP65
Positive material	Lithium ironphosphate
Cell type	cylindrical
Combination method	4Ah,7P23S
Weight	ABOUT 19.0KG
Dimension LxWxH	L534*W278*H168mm
Fixed size	L495*W160mm
Terminal Type	M25-2+1+5P
Shell type	Powder Coated Steel
Handle	YES
Storage Temp. short term	-20~45℃@three months
Storage Temp. long term	-20~25℃@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	14A
Upper limit voltage	83.9V
Charging Temp. Range	0~55℃

### DisCharging

Max Continuous Discharge	56A
Max Discharge current	150A@1S
Lower limit voltage	57.5V
BMS Voltage Recovery	64.4V
Discharge Temp. Range	-20~60℃

### Function (optional)

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

### Physical Dimension-mm

