

# Lithium Battery -AGV Series

## AP72-27



### 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

- Electric motorcycle
- Electric bicycles
- Electric tricycle
- Small motor vehicles



### Specification

Nominal Voltage	73.6V
Working Voltage	57.5-83.95V
Nominal Capacity	27Ah
Energy	1987.2Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	cylindrical
Combination method	4.5Ah6P23S
Weight	ABOUT 17.0KG
Dimension LxWxH	L310*W158*H266mm
Fixed size	NO
Shell type	ABS+PC+AL
Handle	YES
Storage Temp. short term	-20-45 °C
Storage Temp. long term	-20~25 °C
Cycle Life	5000 cyces
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5 °C , RH50%

### Charging

Recom. Charging Current	13.5A
Upper limit voltage	83.95V
Charging Temp. Range	0~55 °C

### DisCharging

Max Continuous Discharge	50A
Max Discharge current	80A@1S
Lower limit voltage	57.5V
BMS Voltage Recovery	64.4V
Discharge Temp. Range	-20-60 °C

### Function (optional)

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

### Physical Dimension-mm

