

# Lithium Battery -AGV Series

## AP24-200



### 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	25.6V
Working Voltage	20-29.2V
Nominal Capacity	200Ah
Energy	5120Wh
Self Discharge	≤3% Per Month
IP Grade	IP65
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	100Ah,1P8S
Weight	ABOUT65.0KG
Dimension LxWxH	L645*W183*H540mm
Fixed size	NO
Terminal Type	M8 Terminal Bolts,12±2Nm
Shell type	Powder Coated Steel
Handle	YES
Storage Temp. short term	-20-45℃
Storage Temp. long term	0~35℃
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5℃, RH50%

### Charging

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

