

Lithium Battery -AGV Series

AP48-30



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	51.2V
Working Voltage	40-58.4V
Nominal Capacity	30Ah
Energy	1536Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	cylindrical
Combination method	30Ah1P16S
Weight	ABOUT 16.0KG
Dimension LxWxH	L170W180H300mm
Fixed size	NO
Terminal Type	M3 Terminal Bolts, 12±2N.m
Shell type	Powder Coated Steel
Handle	YES
Storage Temp. short term	30-45 °C
Storage Temp. long term	20-35 °C
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5 °C, RH50%



Charging

Recom. Charging Current	15A
Upper limit voltage	58.4V
Charging Temp. Range	0~55 °C

DisCharging

Max Continuous Discharge	30A
Max Discharge current	90A@0.1S
Lower limit voltage	40.0V
BMS Voltage Recovery	44.8V
Discharge Temp. Range	-20-60 °C

Function (optional)

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

Physical Dimension-mm

