

Lithium Battery - Golf Cart Series

GP51-105



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

- Golf Cart
- Patrol vehicles
- Venue vehicle
- Electric tricycle
- Sightseeing Bus

Specification

Nominal Voltage	51.2V
Working Voltage	40-58.4V
Nominal Capacity	105Ah
Energy	5376Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	105Ah,1P16S
Weight	ABOUT 48.0KG
Dimension LxWxH	L500*W383*H268mm
Fixed size	L480*W303mm
Terminal Type	M8 Terminal Bolts,12±2N·m
Shell type	Powder Coated Steel
Handle	YES
Storage Temp. short term	-20-45 °C
Storage Temp. long term	0~35 °C
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5 °C ,RH50%



Charging

Recom. Charging Current	50A
Upper limit voltage	58.4V
Charging Temp. Range	0~65 °C

DisCharging

Max Continuous Discharge	105A
Max Discharge current	380A@30S, 500A@3S
Lower limit voltage	40V
BMS Voltage Recovery	44.8V
Discharge Temp. Range	-35~65 °C

Optional

CAN, Bluetooth, Display, Heater, Charger, DC-DC converter

Physical Dimension-mm

