

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 vehicle;
- 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	IP65
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	105Ah, 1P16S
Weight	ABOUT 48.0KG
Dimension LxWxH	L500*W343*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 @one month
Storage Temp. long term	0~35 °C @one year
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5 °C, RH50%
Certification(Program)	UN38.3



Charging

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

DisCharging

Max Continuous Discharge	150A
Max Discharge current	380A@30S
Lower limit voltage	40V
BMS Voltage Recovery	44.8V
Discharge Temp. Range	-35~65 °C

Function (optional)

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

Physical Dimension-mm

