

Lithium Battery - Golf Cart Series

MKS-GP48105(48V105Ah)



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	48V
Working Voltage	37.5V-54.75V
Nominal Capacity	105Ah
Energy	5040Wh
Self Discharge	≤3% Per Month
IP Grade	IP65
Positive material	Lithium Iron Phosphate
Cell type	Square LFP
Cell Configuration	1P15S
Weight	ABOUT 48KG
Dimension LxWxH	L511*W312*H242mm
Fixed size	/
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	3000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5°C ,RH50%



Charging

Recom. Charging Current	52.5A
Upper limit voltage	54.75V
Charging Temp. Range	0~55°C

DisCharging

Max Continuous Discharge	120A
Max Discharge current	380A@30S
Lower limit voltage	37.5V
BMS Voltage Recovery	42V
Discharge Temp. Range	-20~60°C

Function (optional)

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

Physical Dimension-mm

