Lithium Battery

SM 12/100-LFP

SEA MASTER
PREMIUM QUALITY BATTERIES

Features Of LiFePO4 Battery

- Ultra light weight
- High integration, small size, high energy density
- Eco-friendly clean energy
- Long lifespan sustainable
- High efficiency



Application scenarios

- Electric vehicles, Electric mobility
- Solar/wind energy storage system
- Telecommunication
- Medical equipment
- Lighting

Specification

Nominal Voltage	12.8V
Working Voltage	8.8-14.6V
Nominal Capacity	100.0Ah
Energy	1280 Wh
Self Discharge	≤3% Per Month
IP Grade	IP30
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	100Ah,1P4S
Weight	ABOUT 10.25 KG
Dimension LxWxH	L306W168H208mm
Fixed size	NO
Terminal Type	M8
Shell type	ABS
Handle	Yes
Storage Temp. short term	-20-45
Storage Temp. long term	0-35
Cycle Life	5000 cycles
Heating function	YES
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5 , RH50%
Connection options	4P or 4S

Charging

Recom. Charging Current	50.0 A
Upper limit voltage	14.6V
Charging Temp. Range	0~45

DisCharging

Max Continuous Discharge	100.0A
Max Discharge current	300A@10S
Lower limit voltage	8.8V
BMS Voltage Recovery	9.2V
Discharge Temp. Range	-20-55

Function (optional)

(CAN/RS485), Bluetooth, Screen, Charger

Physical Dimension-mm

