Lithium Battery

SM 12/75-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	10-14.6V
Nominal Capacity	75.0Ah
Energy	960Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	Prismatic
Combination method	80Ah,1P4S
Weight	ABOUT 9.0KG
Dimension LxWxH	L260W168H208mm
Fixed size	NO
Terminal Type	T6
Shell type	ABS
Handle	Yes
Storage Temp. short term	-20-45
Storage Temp. long term	-20-35
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5 „ RH50%
Connection options	4S4P

Charging

Recom. Charging Current	40A
Upper limit voltage	14.6V
Charging Temp. Range	-5~55

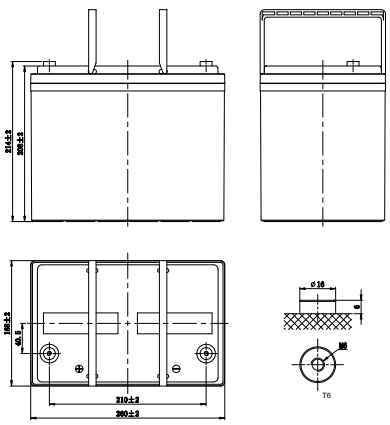
DisCharging

Max Continuous Discharge	80.0A
Max Discharge current	240A@30s
Lower limit voltage	10.0V
BMS Voltage Recovery	11.2V
Discharge Temp. Range	-30-60

Function (optional)

(CAN/RS485), Bluetooth, Screen, Charger

Physical Dimension-mm



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