

Lithium Battery

SM 24/50-LFP



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	25.6V
Working Voltage	20-29.2V
Nominal Capacity	50Ah
Energy	1280Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium ironphosphate
Cell type	Cylindrical
Combination method	3.6Ah, 15P8S
Weight	ABOUT 12.0KG
Dimension LxWxH	L330W212H170mm
Fixed size	NO
Terminal Type	M8
Shell type	ABS
Handle	YES
Storage Temp. short term	-20-45
Storage Temp. long term	-20-25
Cycle Life	5000 cycles
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5 , RH50%
Connection options	Up to 4P in parallel



Charging

Recom. Charging Current	27A
Upper limit voltage	29.2V
Charging Temp. Range	0~45

DisCharging

Max Continuous Discharge	50.0A
Max Discharge current	65A@1s
Lower limit voltage	20.0V
BMS Voltage Recovery	22.4V
Discharge Temp. Range	-20-60

Function (optional)

(CAN/RS485), Bluetooth, Screen, Charger

Physical Dimension-mm

