

LifePO4 LITHIUM ION

Lithium Iron Phosphate (LiFePO₄) Battery

LFP12.8V150AH-S

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	150.0Ah
Energy	1920 Wh
Self Discharge	≤3% Per Month
IP Grade	IP67
Positive material	Lithium iron phosphate
Weight	15.5 KG Approx
Dimension LxWxH	L330W172H220mm
Fixed size	NO
Terminal Type	M8
Shell type	ABS
Handle	/
Storage Temp	-20-45°C
Cycle Life	>3000 cycles@0.5C 80%DOD
Heating function	No
Cooling type	No
Insulation	20MΩ/1000VDC, @25±5°C, RH50%
Connection options	4 series or 4 parallel



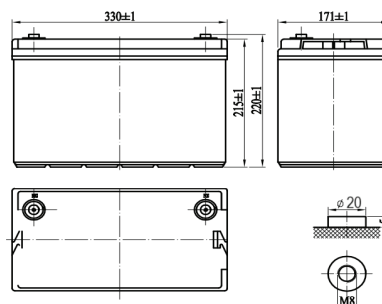
Charging

Recom. Charging Current	75 A
Upper limit voltage	14.6V
Charging Temp. Range	0~55°C

DisCharging

Max Discharge current	150.0A
Pulse Discharge current	600A(5s)
Lower limit voltage	10.0V
BMS Voltage Recovery	11.2V
Discharge Temp. Range	-20-60°C

Physical Dimension-mm



UN 38.3



IEC 62619



IEC62133-2



POWERCELL TECHNOLOGY



ISO 9001



ISO14001