

EBL12.8-100

EBL Series Provide Safe and Efficient LFP Battery Solutions

EBL12.8&25.6 series adopt best value LiFePO4 cells, with the BMS system independently designed for the cell type. IP67 protection, support series and parallel use, is an ideal choice for outdoor, small energy storage, marine and other fields.

Features

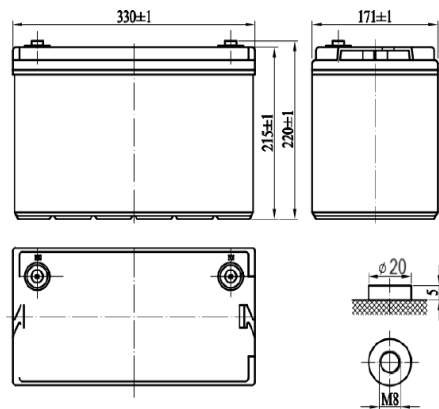
- Safest Lithium Battery Technology
- Lighter Weight
- Eco-friendly
- Longer Life
- Multiple Safety Protection
- Intelligent Balancing Function
- 20 Years Designed Service Life



Performance

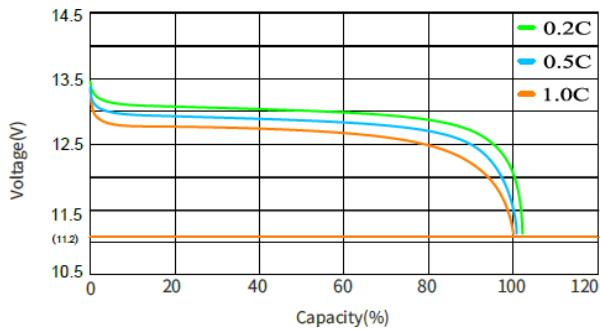
Cell	Prismatic LFP 100Ah	Capacity	100Ah@0.5C25°C
Rated Charge Current	50A	Min.Capacity	96Ah@0.5C25°C
Rated Discharge Current	50A	Nominal Voltage	12.8V
Terminal	M8	Energy	1280Wh
Max. Charge Current	100A	Weight	13.05kg
Max .Discharge Current	100A	Dimensions	330x171x220 mm
Pulse Current	410A/1S	System Series	<=4PCS
IP Grade	IP65	Storage Temp	-5°C to 35°C
Rated Charge Voltage	13.6~13.8V	Discharge Temp	-20°C to 60°C
Rated Discharge Cut-off Voltage	11.2V	Charge Temp	0°C to 45°C
Charge Cut-off Voltage	14.6V	Self Discharge	<=2%/Month
Min.Discharge Cut-off Voltage	>10V	Cycle Life	3000times(80%DOD)
Certified model	UN38.3	Internal resistance	<15mΩ
Balancing Voltage	>13.6V	With SoC screen	

Size

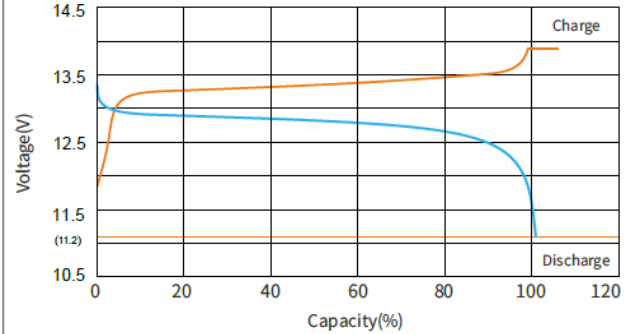


Characteristics Curve

Discharge Performance at 25°C



Charge and Discharge at 25°C, 0.5C



Cautions

1. Do NOT short circuit, crush or disassemble.
2. Do NOT heat or incinerate.
3. Do NOT immerse in any liquid.
4. Store at 50% capacity. Recharge every 6 months. The storage area should be clean, cool, dry and ventilated.
5. Disconnect charging source prior to connecting or disconnecting battery terminals.
6. Do NOT dispose of batteries in a fire as they can explode.
7. Do NOT open, alter, or mutilate batteries. Released electrolyte is harmful to skin and eyes. It may be toxic.
8. Do NOT mix different types and brands of lithium-ion batteries.
9. Do NOT dispose in trash, follow local regulations and manufacturer's instruction.
10. See installation instructions before connecting to the supply.
11. Do NOT install on or over combustible surfaces.
12. Refer to manual before servicing.
13. Do NOT touch bare terminals.