

EBL25.6-100

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

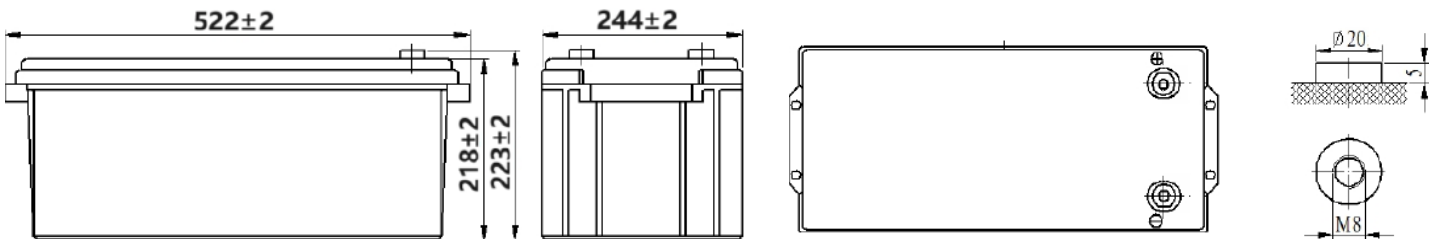
- Safest Lithium Battery Technology
- Lighter Weight
- Eco-friendly
- Longer Life
- Multiple Safety Protection
- Intelligent Balancing Function



Performance

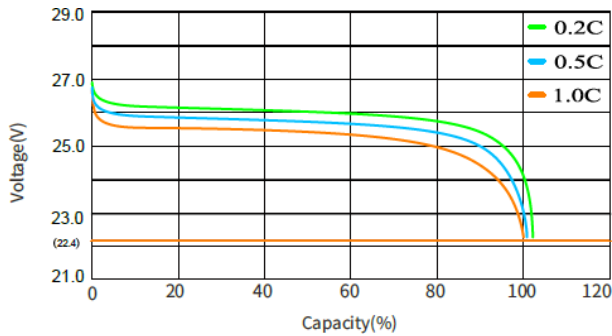
Cell	Prismatic LFP	Rated Capacity	100Ah@0.5C25°C
Rated Charge Current	50A	Min Capacity	≥96%*100Ah@0.5C25°C
Rated Discharge Current	50A	Nominal Voltage	25.6V
Terminal	M8	Energy	2560Wh
Max. Charge Current	100A	Weight	22.5kg
Max. Discharge Current	100A	Dimensions	522x244x223mm
Pulse Current	300A/5S	System Series and Parallel	≤2
IP Grade	IP67	Storage Temp	-10°C to 35°C
Rated Charge Cut-off Voltage	29.2V	Discharge Temp	-20°C to 60°C
Rated Discharge Cut-off Voltage	22.4V	Charge Temp	0°C to 55°C
Cycle Life	5000times(80%DOD)	Self Discharge	≤2%/Month
Internal resistance	≤20mΩ		

Size(Unit mm)

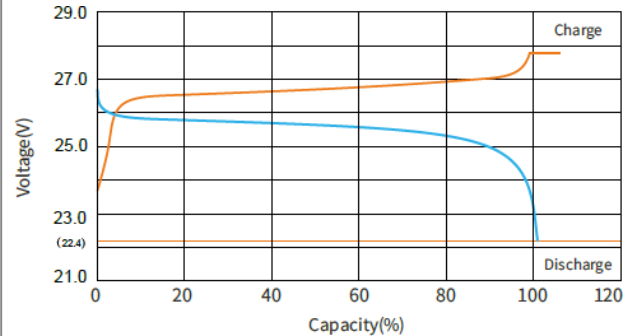


Characteristics Curve

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. The battery cabinet receives power from more than one source. Disconnection of all DC sources is required to
De-energize this unit before installing or servicing. Wait 5 minutes before opening the unit.
12. Do NOT install on or over combustible surfaces.
13. Refer to manual before servicing.
14. Do NOT touch bare terminals.