

# EBL12.8-200

## EBL Series Provide Safe and Efficient LFP Battery Solutions

EBL12.8&25.6 series adopt best value LiFePO<sub>4</sub> 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

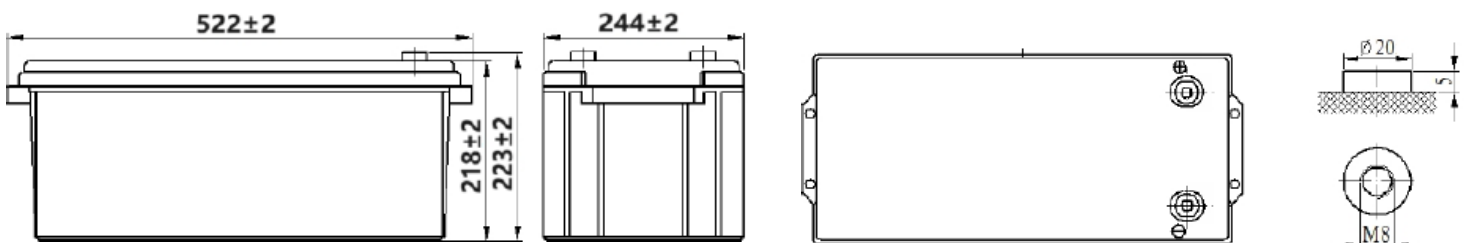
- Safest Lithium Battery Technology
- Lighter Weight
- Eco-friendly
- Longer Life
- Multiple Safety Protection
- Intelligent Balancing Function



### Performance

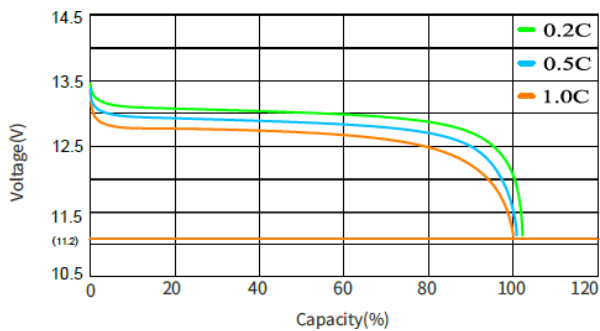
|                                 |               |                 |                     |
|---------------------------------|---------------|-----------------|---------------------|
| Cell                            | Prismatic LFP | Capacity        | 200Ah@0.5C25°C      |
| Rated Charge Current            | 50A           | Min Capacity    | ≥96%*200Ah@0.5C25°C |
| Rated Discharge Current         | 100A          | Nominal Voltage | 12.8V               |
| Terminal                        | M8            | Energy          | 2560Wh              |
| Max. Charge Current             | 100A          | Weight          | 20.2kg              |
| Max .Discharge Current          | 200A          | Dimensions      | 522x244x223mm       |
| Pulse Current                   | 600A/5S       | System Series   | ≤4                  |
| IP Grade                        | IP65          | Storage Temp    | -5°C to 35°C        |
| Rated Charge Cut-off Voltage    | 14.6V         | Discharge Temp  | -20°C to 60°C       |
| Rated Discharge Cut-off Voltage | 11.2V         | Charge Temp     | 0°C to 45°C         |
| Internal resistance             | <15mΩ         | Self Discharge  | ≤2%/Month           |
| Short Circuit Current           | Approx.1800A  | Cycle Life      | 5000times(80%DOD)   |

### Size(Unit mm)

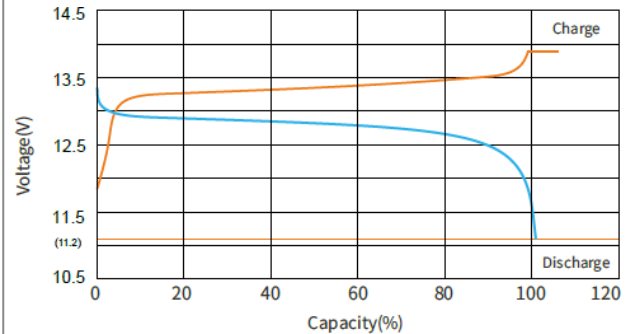


## Characteristics Curve

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 dispose in trash, follow local regulations and manufacturer's instruction.
9. See installation instructions before connecting to the supply.
10. Do NOT install on or over combustibles surfaces.
11. Refer to manual before servicing.
12. Do NOT touch bare terminals.