

MKS-LB24100 (25.6V 100Ah)

Lithium LFP Battery

BLACK BATT.

MKS Provides Safe and Efficient LFP Battery Solutions

MKS series adopt best value LiFePO4 cells, with the BMS system independently designed by Marxon. IP65 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 102Ah	Capacity	100Ah@0.5C25°C
Rated Charge Current	50A	Nominal Voltage	25.6V
Rated Discharge Current	50A	Energy	2560Wh
Terminal	M8	Weight	21.5kg
Max. Charge Current	100A	Dimensions	485x170x245mm
Max. Discharge Current	100A	System Series	<=3
Pulse Current	300A/<3S	Storage Temp	-10°C to 35°C
IP Grade	IP65	Discharge Temp	-20°C to 60°C
Rated Charge Voltage	27.2~27.6V	Charge Temp	0°C to 45°C
Rated Discharge Cut-off Voltage	22.4V	Self Discharge	<=2%/Month
Charge Cut-off Voltage	29.2V	Cycle Life	5000times(80%DOD)
Min. Discharge Cut-off Voltage	>20V	Short Circuit Current	Approx.800A
Bluetooth	YES		

Size

Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

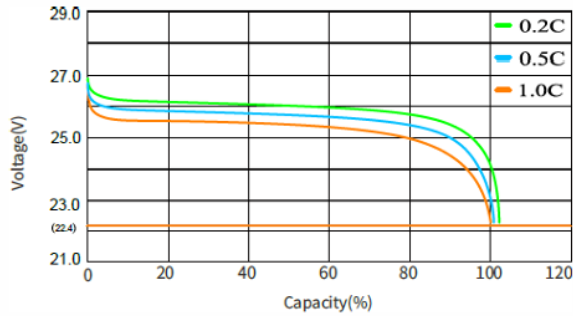
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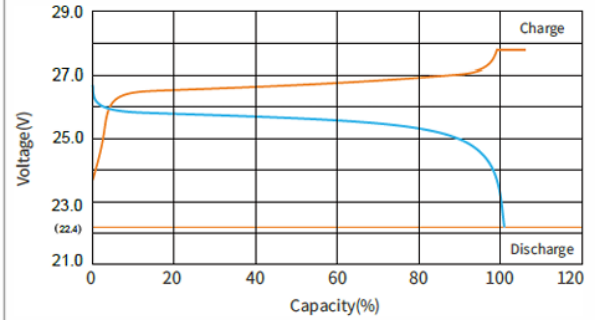
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Characteristics Curve

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.