

48V 100Ah 50Ah Energy Storage lithium ion Battery



- ◆Energy Storage Battery Standardized design: standard 4U, 19 inch' metal case, good applicability
- ◆ This 48V 100Ah 50Ah Energy Storage lithium ion Battery is made of more than 6000times cycle life LiFePO4 battery cells
- ◆Parallel connecting: Add the current limiting module, support up to 15units 48V 100Ah 50Ah Energy Storage lithium ion Battery parallel use, expand the capacity of your 48V LiFePO4 battery system, meet your bigger energy storage system demand.
- ◆Intelligent BMS: With RS485 and CAN communication, you can monitor lithium ion battery status at any time and set protection parameters via software.
- ◆Warning function: Warning functions such as overcharge, overdischarge, overcurrent, high temperature and low temperature can greatly reduce the potential safety hazard.
- ◆Balancing: Automatic collection of battery single series voltage, pressure difference up to 30mV (can be set), automatic start equalization function.

Category 48V Telecom Battery
Product serial number M15S100BL

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Product description

Technical parameter



48V 100Ah 50Ah Energy Storage lithium ion Battery

- In parallel to enlarge energy
- Standard 3U and 4U case
- Intelligent lithium battery management system
- Warning functions such as overcharge and overdischarge



Item	Rack mount lithium battery/ 48v 100ah lifepo4 battery /5kw off grid solar power system/ 48V 100Ah 50Ah Energy Storage lithium ion Battery /48v 100ah telecom battery
Models	48V 50ah/100ah (2.5kw /5kw)
Application	Home Appliances, Electric Power Systems, Solar Energy Storage Systems
Warranty	5 years
Service	Relevant parameters or OEM/ODM service, just feel free to contact us! 24 hours online~



Standardized design

- ◆ 48V 100Ah 50Ah Energy Storage lithium ion Battery, you can use a universal 19-inch cabinet, configure different power levels, simple and convenient.
- ◆ Long life Equipped with charge balanceability, cycle life is more than 6000 times.
- ◆ Pack type energy storage battery can provide power for communication base stations.

In parallel to enlarge energy

- ◆ Add the current limiting module, support multiple battery parallel use, expand the battery capacity, meet the high energy demand of customers.
- ◆ Cabinet-type energy storage batteries are widely used in UPS to store power.



Intelligent lithium battery management system

- ◆ With RS485 communication, you can monitor the battery status at any time and set protection parameters such as charge and discharge according to customers' requirements
- ◆ Cabinet energy storage batteries can also be used as home backup power.

Production display



Finished product display



Summary about 48V 100Ah 50Ah Energy Storage lithium ion Battery as follows

- + 48V 100Ah 50Ah Energy Storage lithium ion Battery series include 48V 50ah lithium ion Battery, 48V 100ah lithium ion Battery.
- + Our grade A Lithium Iron Phosphate battery can be more than 6000 times cycle for more than 10 years. This not only much lighter than the gel battery, also up to 5 times longer cycle life than lead acid battery , helping to minimize replacement cost and reduce total cost of ownership.
- + Multiple sleep and wake modes 5 sleep modes, 3 wake-up methods, make 48V 100Ah 50Ah Energy Storage lithium ion Battery use smarter
- + Smart BMS built inside, with 50A max continuous discharge current, can power your 2.5kw solar power system
- + Beyond that, this 48V 100Ah 50Ah Energy Storage lithium ion Battery can be connected in parallel up to 15 units. So you can make 48V 10kw energy storage solar system, 20kw energy storage system, and more
- + Multiple communication functions RS232 RS485. Multiple types of communication interfaces to adapt to different brands of inverters, such as Growatt, Goodwe, SMA, Deye, Luxpower, Voltronicpower, Victron Energy, SRNE inverter and so on
- + 48V 100Ah 50Ah Energy Storage lithium ion Battery can be widely used as electric power system, telecom battery, solar energy storage battery, UPS battery back up also mostly every battery application you need

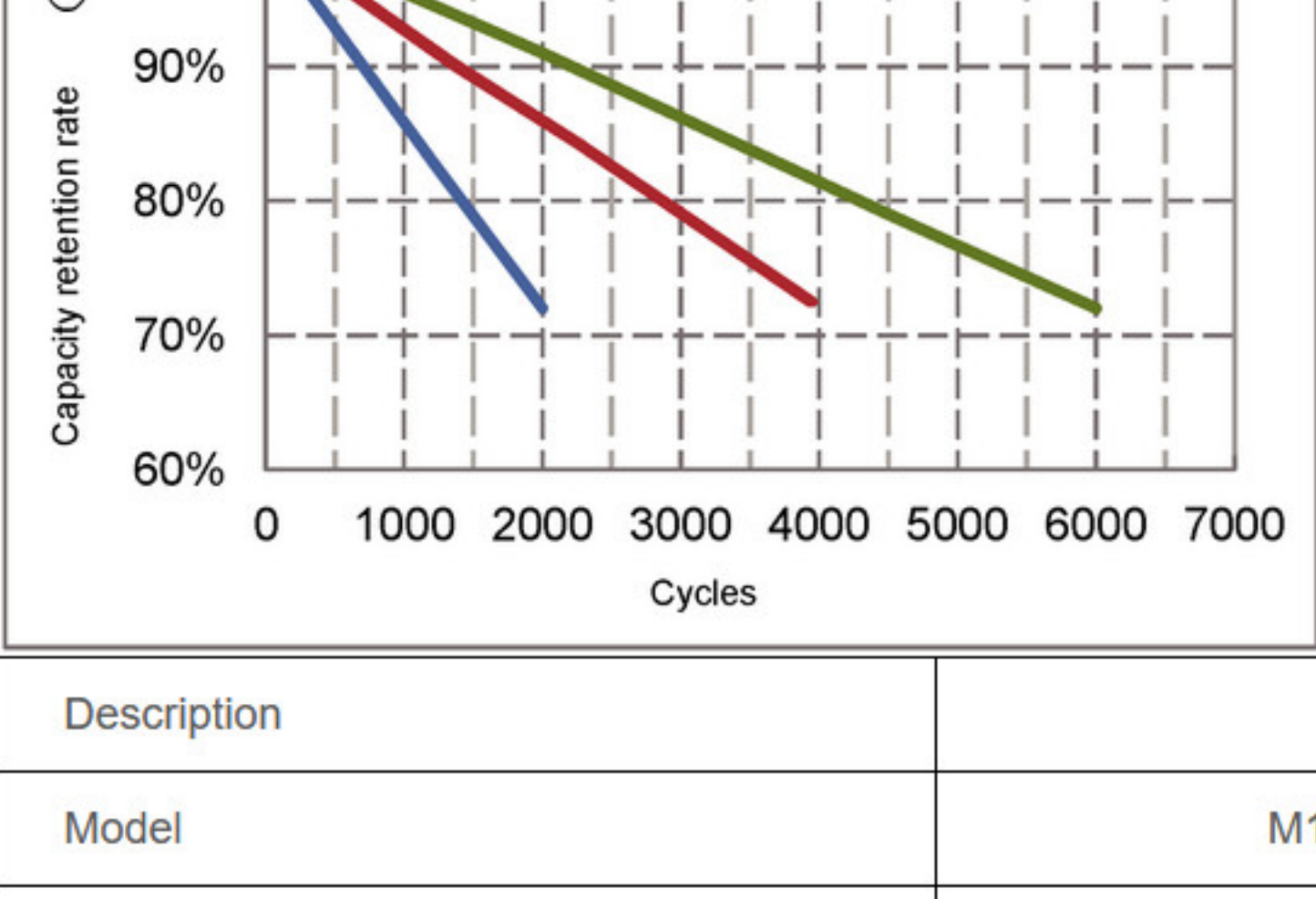
Product Features

- ◆Standardized design: standard 3U, 19 inch' metal case, good applicability
- ◆More than 6000times cycle life LiFePO4 battery cells to make this 48V 100Ah 50Ah Energy Storage lithium ion Battery
- ◆In parallel to enlarge energy: Add the current limiting module, support multiple battery up to 15units 48V 100Ah 50Ah Energy Storage lithium ion Battery parallel use, expand your 48V battery system capacity, meet the high energy storage system demand.
- ◆Intelligent BMS: With RS485 communication, you can monitor lithium ion battery status at any time and set protection parameters.
- ◆Warning function: Warning functions such as overcharge, overdischarge, overcurrent, high temperature and low temperature can greatly reduce the potential safety hazard.
- ◆Balancing: Automatic collection of battery single series voltage, pressure difference up to 30mV (can be set), automatic start equalization function.
- + 48V 100Ah 50Ah Energy Storage lithium ion Battery can be widely used as electric power system, telecom battery, solar energy storage battery, UPS battery back up also mostly every battery application you need

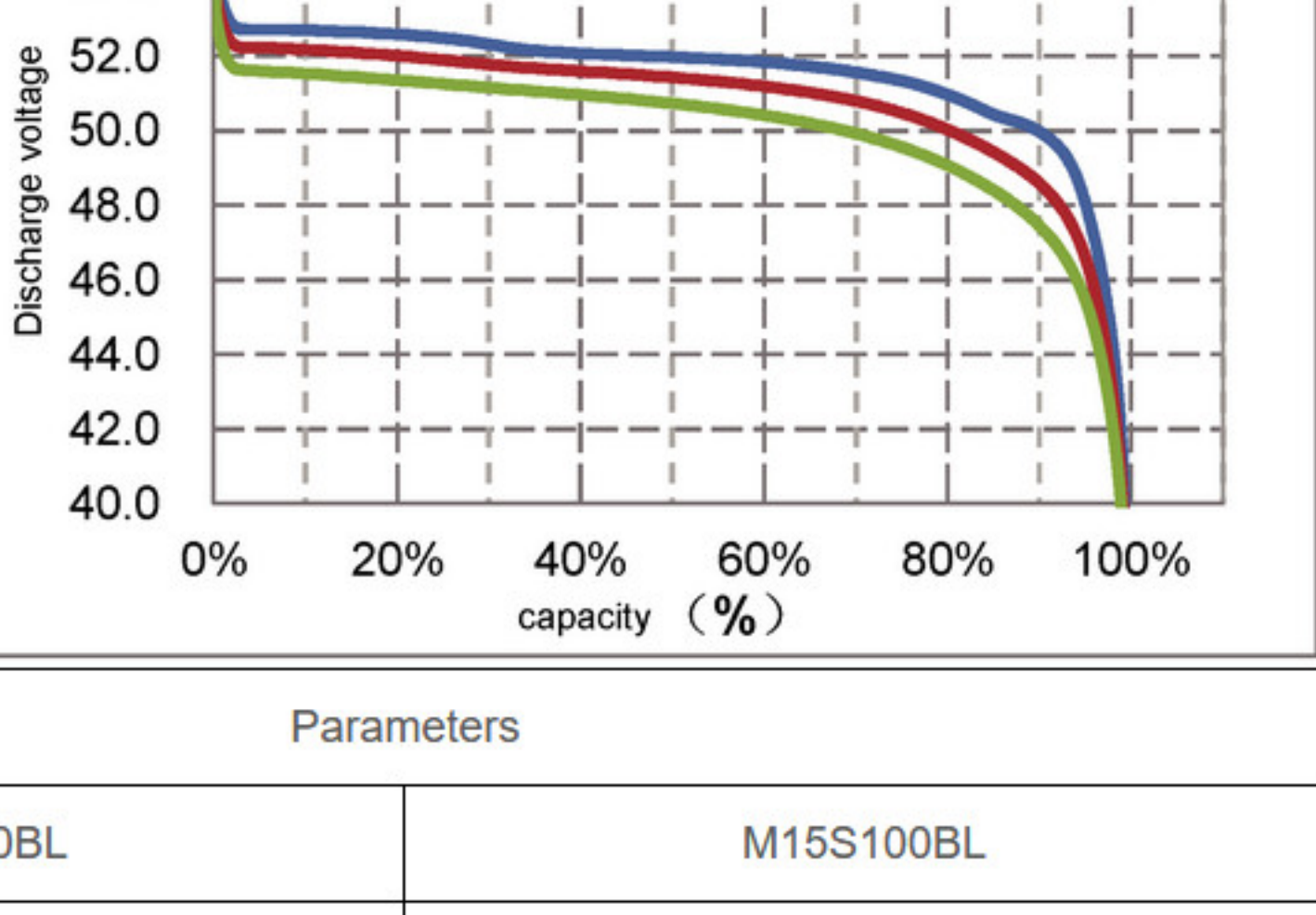
Product description

Technical parameter

Cycle life @0.2C, 25°C



Discharging@25°C



Description	Parameters	
Model	M15S050BL	M15S100BL
Array Mode	15S	15S
Nominal Energy (KWh)	2.4	4.8
Nominal Voltage (V)	48	48
Charge Voltage (V)	54.7	54.7
Discharge Cut-off Voltage (V)	40	40
Standard Charging Current(A)	10	20
Max.Continuous Charging Current (A)	50	100
Max.Continuous Discharging Curent (A)	50	100
Cycle Life	≥ 6000Times@80%DOD, 25°C	≥ 6000Times@80%DOD, 25°C
Communication Mode	RS485	RS485/CAN
Operating Temp	Charging: 0~60°C; Discharging: -10°C~65°C	Charging: 0~60°C; Discharging: -10°C~65°C
Size(LxWxH) mm	453x493x133	515x493x175
Net Weight (Kg)	27.5	41
Package Size (LxWXH) mm	530x480x230	530x540x260
Gross Weight (Kg)	39.5	47