

12.8V 100Ah & 200Ah LiFePO4 Home Energy Storage Battery

12.8V 100AH



12.8V 200AH



Super Points: ONE Battery For Multiple Brand Inverters

Long cycle life

Using high-quality lithium iron phosphate batteries, the cycle life is more than 6000 times at 80%DOD, and can be used for 10-15 years



High quality prismatic lithium iron phosphate battery

Higher capacity, higher current, longer life

Product advantages



Intelligent BMS battery protection

Built-in intelligent BMS (battery management system), effectively avoiding overcharge, overdischarge, overcurrent, short-circuit, balance and other problems



BMS support in parallel or in series

Low internal resistance and high current

Low internal resistance of the battery, excellent continuous high current discharge performance

Good safety performance

Extreme safety test, no fire, no explosion, no leakage

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Key Features

- ★ A Grade Full New Quality Cells.
- ★ Each battery built-in BMS.
- ★ Maintenance free & Low self discharge & Fast and efficient charging.
- ★ LCD Screen optional, can read battery data directly.

Protection

- ★ Over charge detection function
- ★ Over discharge detection function
- ★ Over current detection function
- ★ Temperature protection function
- ★ Short circuit detection function
- ★ Balance function
- ★ Upper computer software monitor

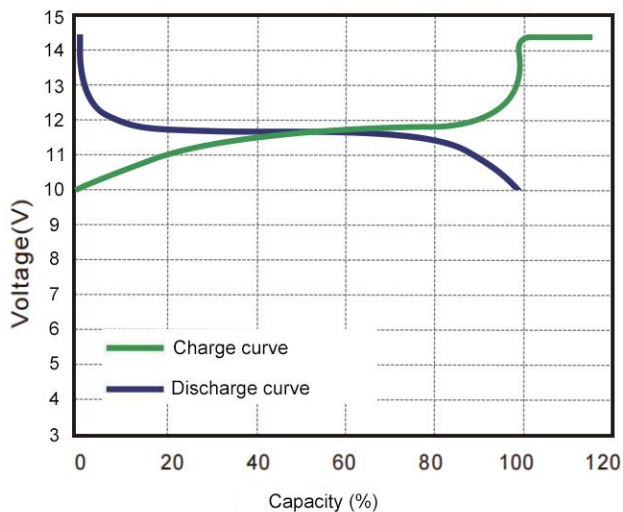
Parameters

Product model		
Product specification	12.8V 100Ah	12.8V 200Ah
Nominal voltage	12.8V	12.8V
Nominal capacity	100Ah	200Ah
Cell type	(LFP)	(LFP)
Standard charge voltage	14.6V	14.6V
Max charge current	100A	200A
Discharge cut-off voltage	10V	10V
Max discharge current	100A	200A
Parallels function	Support 4 units in parallels	Support 4 units in parallels
Cycle life	6000 Cycles (80%DOD)	6000 Cycles (80%DOD)
Charge temperature range	-0~60°C	-0~60°C
Discharge temperature range	-20~60°C	-20~60°C
Colour	(Black)	(Black)
Dimensions	522*238*220 MM	522*238*220 MM
Weight	15kg	20kg
Installation method	Floor	Floor

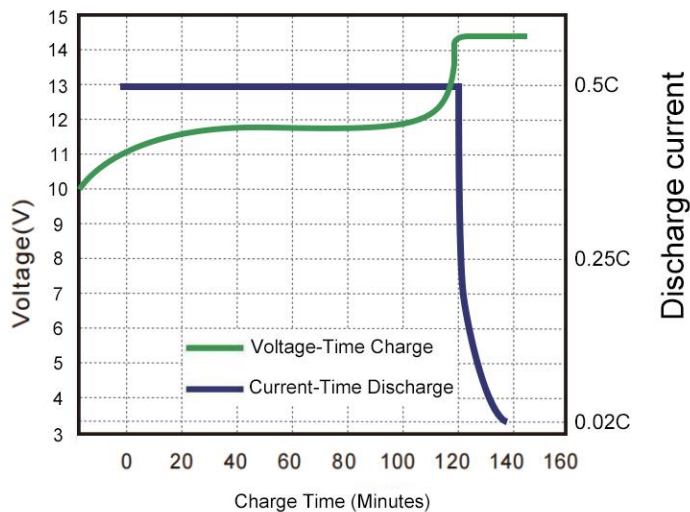
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Charging and Discharge curve

- Charge and discharge curve @0.5C 25°C

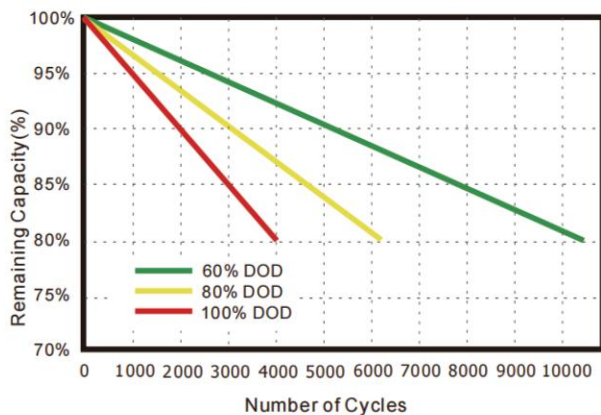


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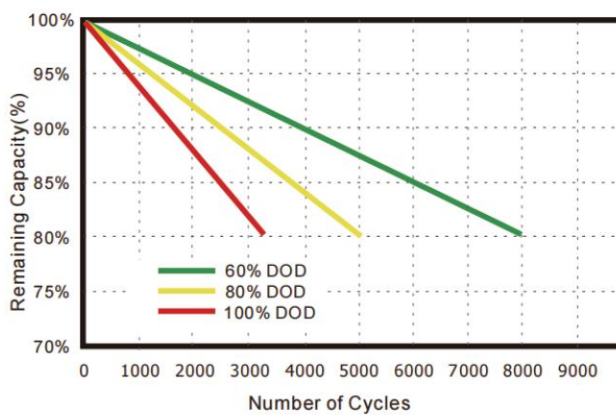


Cycle Life Curve

- Different discharge depth life curves & 25°C 0.5C



- Different discharge depth life curves & 40°C 0.5C



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