

# 51.2V 100AH & 200AH Touch Screen Rack Mounted LifePo4 Battery

51.2V 100AH



51.2V 200AH



Our Cooli battery compatible with more than 30 brands inverter worldwide



## Super Points: ONE Battery For Multiple Brand Inverters

### Product advantages

**With touch screen selection protocol**, has multi-language selection (English, Spanish, German, Burmese, Vietnamese, Thai, Italian; etc)

#### 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

#### Intelligent BMS battery protection

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



**High quality prismatic lithium iron phosphate battery**  
Higher capacity, higher current, longer life



**Communicated with multiple brands inverter same time**  
Battery BMS supports simultaneous communication and docking with multiple brands inverter

#### 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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## Touch Screen Rack Mounted LifePo4 Battery

### Key Features

- ★ A Grade Full New Quality Cells-16 cells.
- ★ Each battery built-in BMS.
- ★ Communication protocol : RS485/CAN.
- ★ Maintenance free & Low self discharge & Fast and efficient charging.
- ★ LCD Screen,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

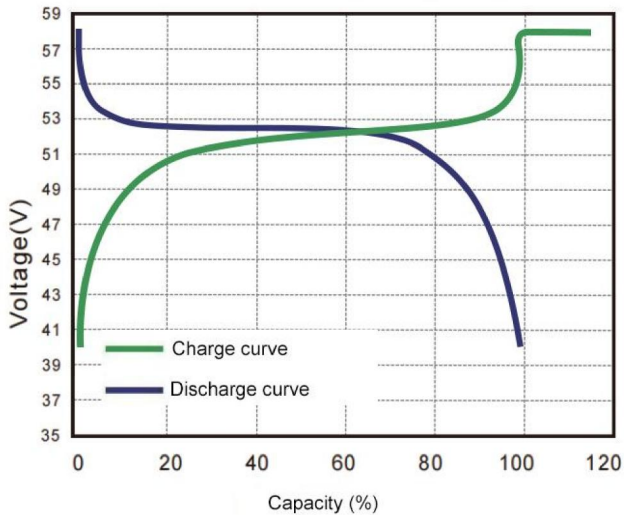
Product model		
Product specification	51.2V 100Ah	51.2V 200Ah
Nominal voltage	51.2V	51.2V
Nominal capacity	100Ah	200Ah
Cell type	(LFP)	(LFP)
Standard charge voltage	57.6V	57.6V
Standard charge current	≤50A	≤100A
Max charge current	100A	150A
Discharge cut-off voltage	44.8V	44.8V
Max discharge current	100A	150A
Parallels function	Support 15 units in parallels	Support 15 units in parallels
Communication interface	RS485,CAN(Optional)	RS485,CAN(Optional)
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	430x460x220MM	474x513*235MM
Weight	47Kg	90Kg
Installation method	Floor	Floor

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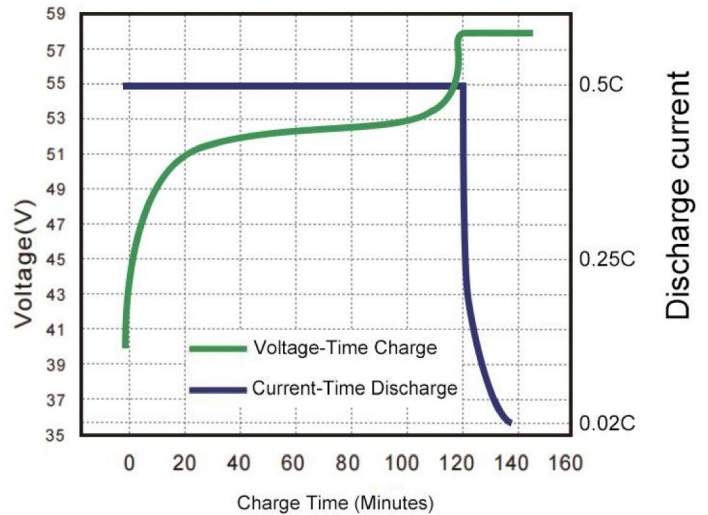
## Touch Screen Rack Mounted LifePo4 Battery

### Charging and Discharge curve

- Charge and discharge curve @0.5C 25°C

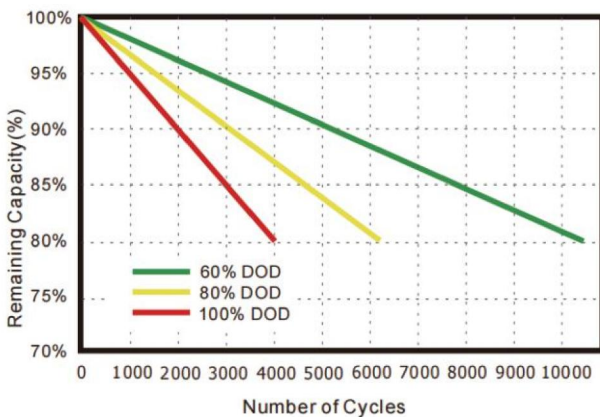


- Charge and discharge curve @0.5C 25°C

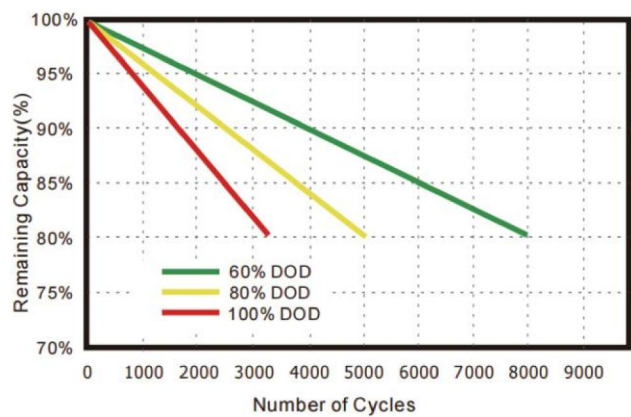


### Cycle Life Curve

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



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



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