

51.2V 100AH

Touch Screen Rack Mounted LifePo4 Battery

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Our Voltem 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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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

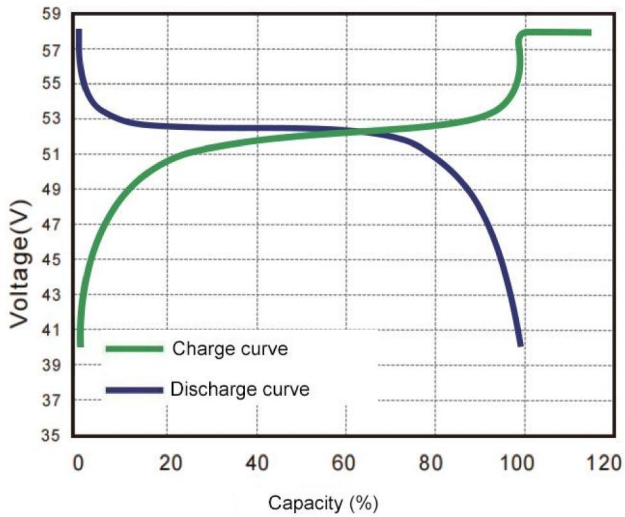
Product model	
Product specification	51.2V 100Ah
Nominal voltage	51.2V
Nominal capacity	100Ah
Cell type	(LFP)
Standard charge voltage	56.8V
Standard charge current	25A@0.25C
Max charge current	100A
Discharge cut-off voltage	44.8V
Max discharge current	100A
Parallels function	Support 15 units in parallels
Communication interface	RS485,CAN(Optional)
Cycle life	≥6000 Cycles (80%DOD)
Charge temperature range	0~60°C
Discharge temperature range	-20~60°C
Colour	Black
Dimensions	430x460x220MM
Weight	47Kg
Installation method	Floor

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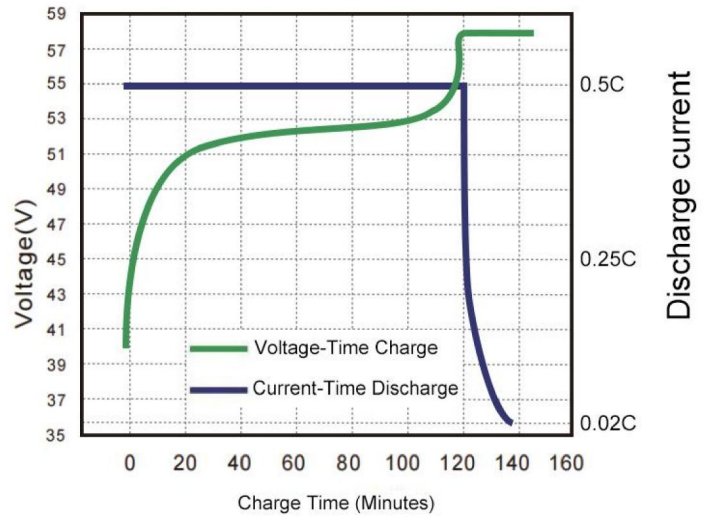
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Charging and Discharge curve

- Charge and discharge curve @0.5C 25°C

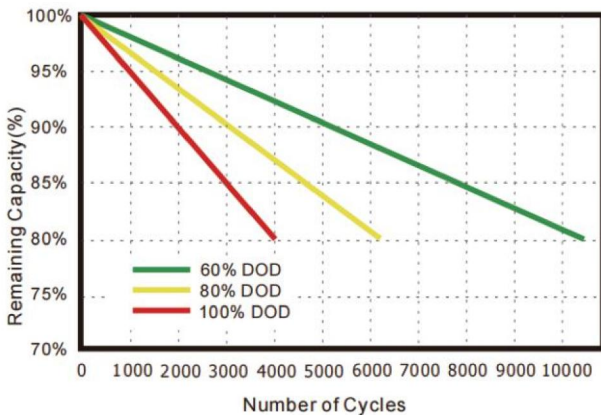


- Charge and discharge curve @0.5C 25°C

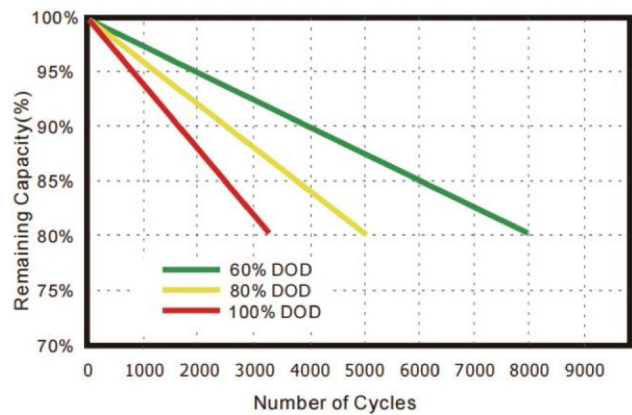


Cycle Life Curve

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



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



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