

# 12.8V 100Ah & 200Ah ABS LiFePO4 Energy Storage Battery

## 12.8V 100AH



## 12.8V 200AH



**Super Points: ONE Battery For Multiple Brand Inverters**

### Product advantages

#### Intelligent BMS battery protection

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

#### Long cycle life

Using high-quality lithium iron phosphate batteries, the cycle life is more than 6000 times@1C 90% DOD, and can be used for 10-15 years

#### Intelligent control & monitor with Bluetooth



#### 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

#### High quality Grade A+ Prismatic LiFePO4 battery

Higher capacity, higher current, longer life



portable



Positive port



Negative port

# 12.8V 100Ah & 200Ah

## ABS LiFePO4 Energy Storage Battery

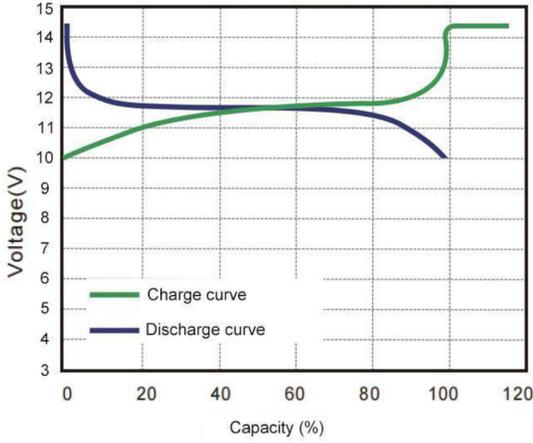
### Parameters

Product model	CL-12.8V100AH	CL-12.8V200AH
Product specification	12.8V 100Ah	12.8V 200Ah
Nominal voltage	12.8V	12.8V
Nominal capacity	100Ah	200Ah
Cells	EVE A Grade	EVE A Grade
Standard charge voltage	14.6V	14.6V
Max charge current	100A	150A
Discharge cut-off voltage	10V	10V
Max discharge current	100A	150A
Parallels function	Support 2 units in parallel	
Cycle life	T 6000 Cycles@1C 90%DOD	
Charge temperature range	-0~60°C	
Discharge temperature range	-20~60°C	
Color	Black	
Dimensions	329*172*214 MM	522*240*218 MM
Weight	10.8kg	21.6kg
Installation method	Floor	
Energy	1280WH	2560WH
Months Self Discharge	< 3%	
Efficiency of charge	100%@0.2C	
Efficiency of Discharge	96-99%@1C	
Cells	Prismatic	
Case	ABS	
Terminal	M6	
Certificates	ISO,UL,CEI-021,IEC,CE,CB,UN38.3,MSDS	
Monitoring & Control	Bluetooth & LCD Display	

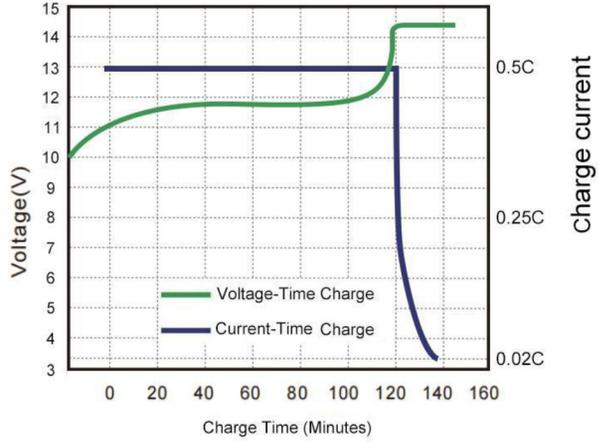
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## Charging and Discharge curve

- Charge and discharge curve @0.5C 25°C

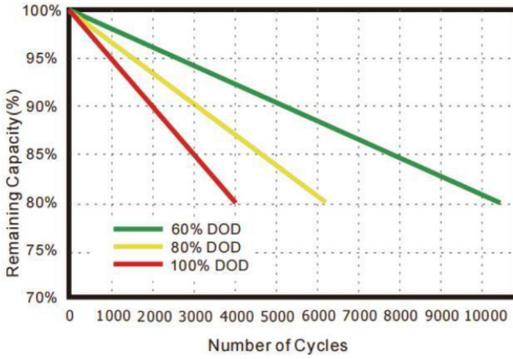


- Charge curve @0.5C 25°C



## Cycle Life Curve

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



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

