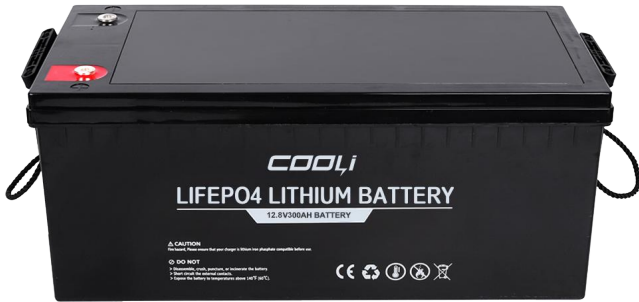


12.8V 300AH&400AH

LiFePO4 Home Energy Storage Battery

12.8V 300AH

12.8V 400AH



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 @ 80% DOD, and can be used for 10-15 years



High quality Grade A+ Prismatic LiFePO4 battery

Higher capacity, higher current, longer life

Low internal resistance and high current

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

Product advantages



Intelligent BMS battery protection

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



Intelligent control & monitor with Bluetooth

Good safety performance

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

12.8V 300AH&400AH

LiFePO4 Home Energy Storage Battery

Key Features

- ★ A GRADE high quality prismatic cells.
- ★ High quality smart BMS.
- ★ Maintenance free & Low self discharge & Fast and efficient charging.
- ★ Bluetooth and LCD Display for intelligent control and monitor.

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

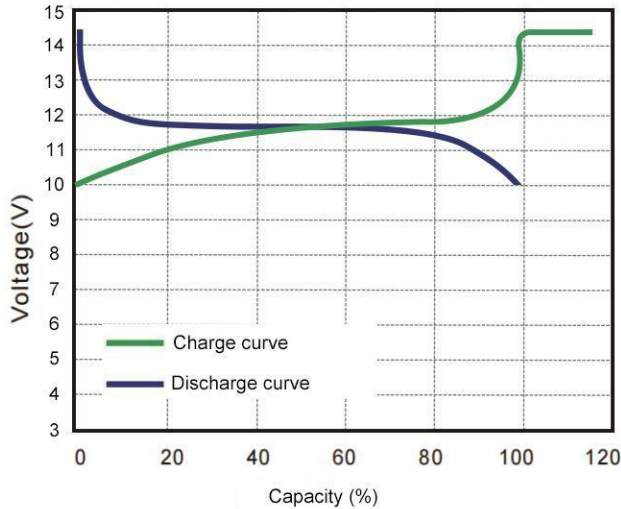
Product model	LFPI-12.8V300AH	LFPI-12.8V400AH
Product specification	12.8V 300Ah	12.8V 400Ah
Nominal voltage	12.8V	12.8V
Nominal capacity	300Ah	400Ah
Cell type	A+ Grade LiFePO4	A+ Grade LiFePO4
Standard charge voltage	14.6V	14.6V
Max charge current	200A	200A
Discharge cut-off voltage	10V	10V
Max discharge current	200A	200A
Parallels function	Support 4 units in series/ 4 units in parallel	
Cycle life	6000 Cycles@1C 90%DOD	
Charge temperature range	-0~60°C	
Discharge temperature range	-20~60°C	
Color	Black	
Dimensions	522*238*220 MM	522*269*220 MM
Weight	38kg	43kg
Installation method	Floor	
Energy	3840WH	5120WH
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	

12.8V 300AH&400AH

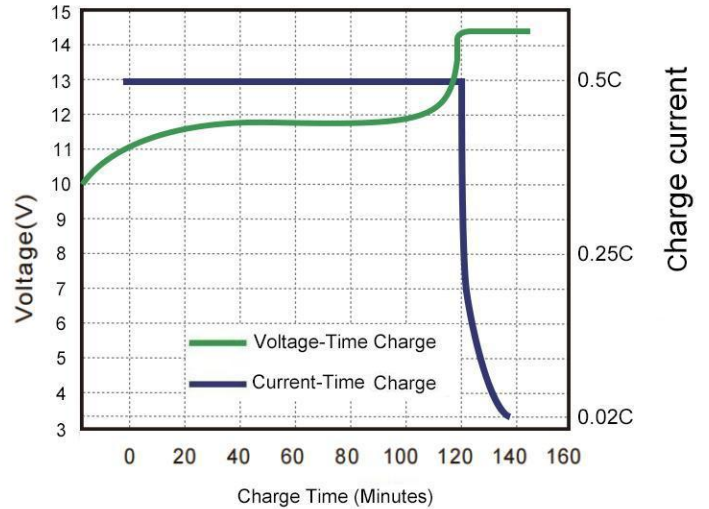
LiFePO4 Home Energy Storage Battery

Charging and Discharge curve

- Charge and discharge curve @0.5C 25°C

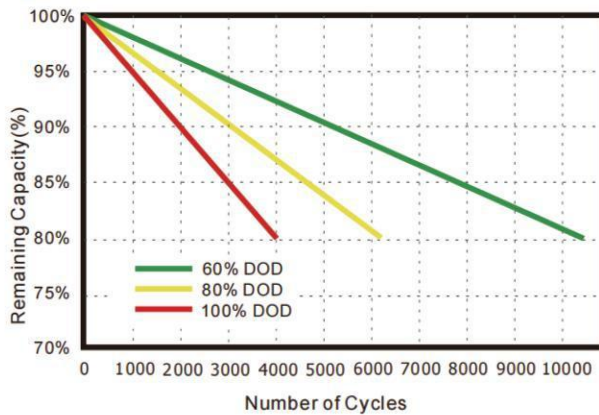


- Charge curve @0.5C 25°C

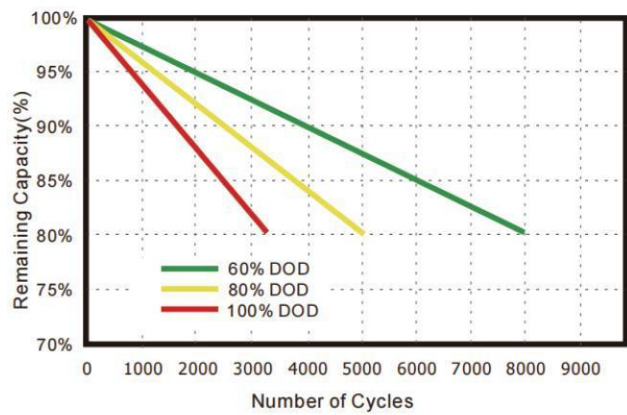


Cycle Life Curve

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



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



12.8V 300AH&400AH

LiFePO4 Home Energy Storage Battery

