



# 12.8V/25.6V

## Lead-acid replacement LiFePO4 battery

### Features:



#### Higher cycle, longer life

More than 6000 cycles, super life, small size, lighter



#### Fast charging

Ultra-fast charging speed, save time and improve work efficiency



#### BMS intelligent protection

The new A-grade lithium iron phosphate battery cell is safe and reliable



#### Skewers and use

Externally it can be skewered and used, up to 4 strings and 8 parallels



#### Bluetooth communication

Support hardware/Bluetooth communication optional, strong matching flexibility



#### High protection

Plastic shell, waterproof and explosion-proof

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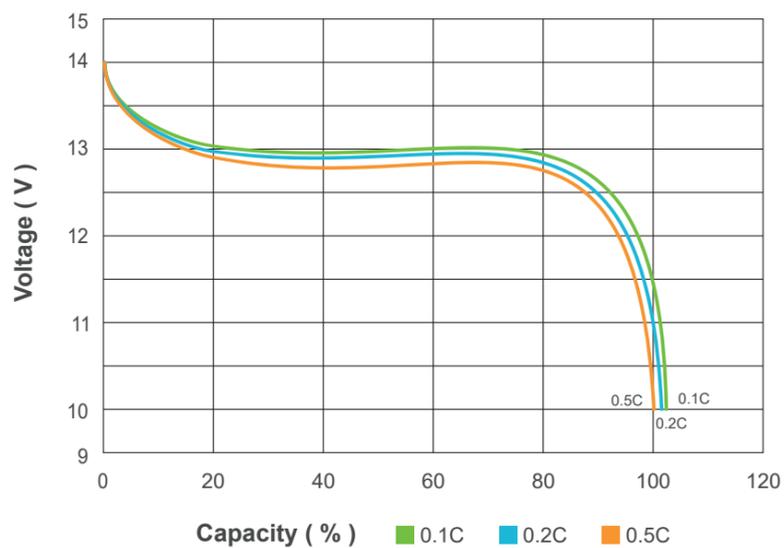
# Specifications

Product Description	Product parameters				
Product model	P04S006BL	P04S008BL	P04S036BL	P04S050BL	P04S100BL
Cells in series	4S	4S	4S	4S	4S
Rated Energy (Wh)	76.8	102.4	460	640	1280
Rated voltage (V)	12.8	12.8	12.8	12.8	12.8
Charging Voltage (V)	14.6	14.6	14.6	14.6	14.6
Discharge cut-off voltage (V)	10	10	10	10	10
Standard Charge Current (A)	1.2	1.6	7.2	10	20
Maximum Charging Current (A)	7.5	7.5	30	50	100
Maximum Discharge Current (A)	7.5	7.5	30	50	100
Cycle life	≥6000次@80%DOD,25°C				
Charging/Discharge temperature	0~60°C/-10~65°C				
Storage temperature/humidity	-5~60°C/65±20%HR				
months self-discharged	2% per month	2% per month	2% per month	2% per month	2% per month
Methods of Communication	Hardware	Hardware	Hardware/Bluetooth	Hardware/Bluetooth	Hardware/Bluetooth
IP protection	20	20	20	20	20
Product Dimensions (L×W×Hmm)	90×72×108	151×65×94	195×166×170	195×166×170	330×173×216
Net Weight (Kg)	0.9	1.0	4.4	6.0	10.0
Packing Dimensions (L×W×Hmm)	375×235×155	335×235×143	212×186×207	212×186×207	347×192×265
Gross Weight (Kg)	0.95	1.05	5.0	6.3	10.3
Match the inverter model	Growatt, Goodwe, Deye, Luxpower, SRNE etc				

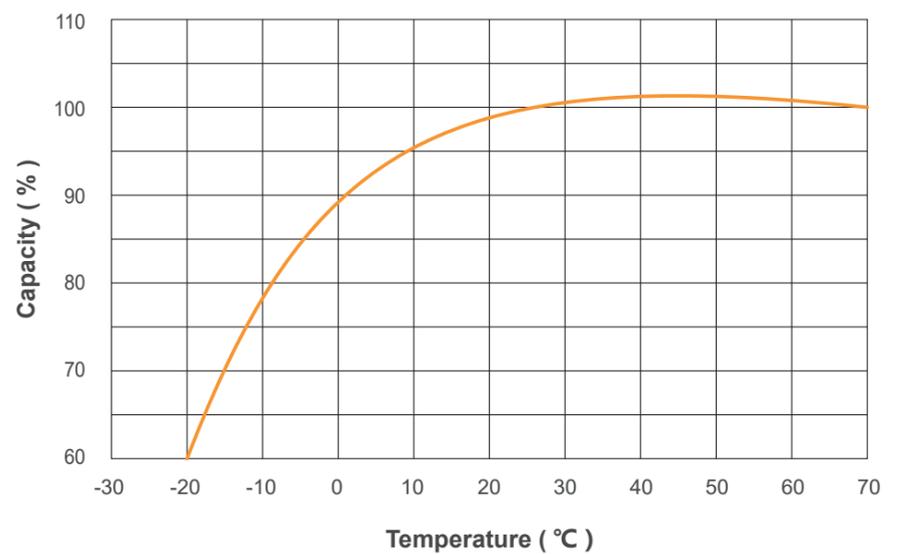
Product Description	Product parameters				
Product model	P04S150BL	P04S200BL	P04S300BL	P08S100BL	P08S150BL
Cells in series	4S	4S	4S	8S	8S
Rated Energy (Wh)	1920	2560	3584	2560	2560
Rated voltage (V)	12.8	12.8	12.8	25.6	25.6
Charging Voltage (V)	14.6	14.6	14.6	29.2	29.2
Discharge cut-off voltage (V)	10	10	10	21	21
Standard Charge Current (A)	30	40	56	20	30
Maximum Charging Current (A)	100	100	200	100	100
Maximum Discharge Current (A)	100	100	200	100	100
Cycle life	≥6000次@80%DOD,25°C				
Charging/Discharge temperature	0~60°C/-10~65°C				
Storage temperature/humidity	-5~60°C/65±20%HR				
months self-discharged	2% per month	2% per month	2% per month	2% per month	2% per month
Methods of Communication	Hardware/Bluetooth	Hardware/Bluetooth	Hardware/Bluetooth	Hardware/Bluetooth	Hardware/Bluetooth
IP protection	20	20	20	20	20
Product Dimensions (L×W×Hmm)	483×170×240	532×207×215	522×240×218	532×207×215	520×269×220
Net Weight (Kg)	16.0	20.2	25.0	18.2	28.0
Packing Dimensions (L×W×Hmm)	505×190×270	552×228×240	542×274×245	552×228×240	553×315×265
Gross Weight (Kg)	16.3	22.0	27.0	18.5	29.0
Match the inverter model	Growatt, Goodwe, Deye, Luxpower, SRNE etc				

## Performance characteristic graphs

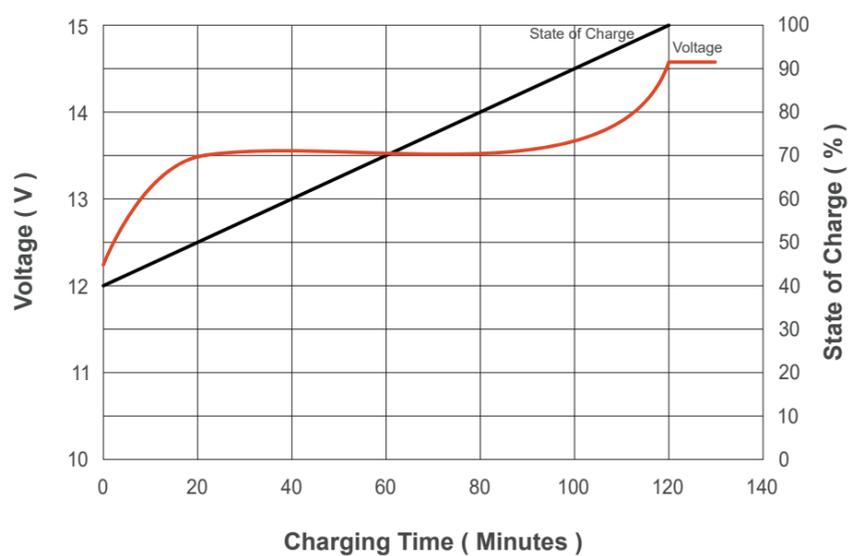
Discharge Performance at 25°C



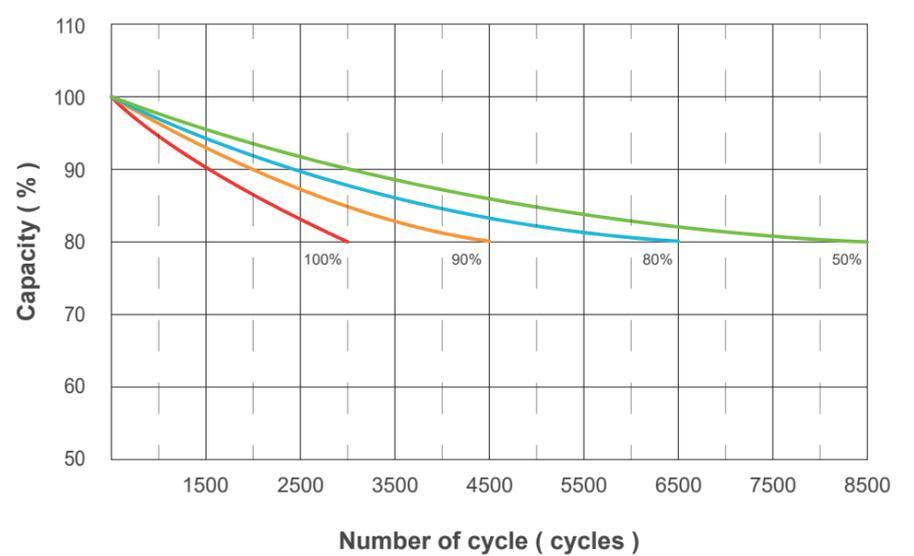
Temperature effects on capacity at 0.2C



State of Charge Curve ( 0.5C, 25°C )



Cycle life with DOD at 25°C, 0.2C



## Application areas and precautions

### ● Fields of application

Lithium batteries can replace most lead-acid batteries, and the main use areas are as follows:

- Caravan
- RVs
- Ocean cruiser
- Solar Storage
- Golf carts
- Remote Monitoring
- Buggies
- yachts and much more



### ● Precautions

- Do not short circuit, crush or disassemble.
- Heating or incineration is prohibited
- Do not soak in any liquid
- Store at 50% capacity. Charge every three months. The storage environment should be clean, cool, dry and ventilated.



Note: Performance is subject to change and all specifications are subject to change without notice, this data is for evaluation purposes only and cannot be relied upon as a guarantee or guarantee. For more information and updates, please contact us.