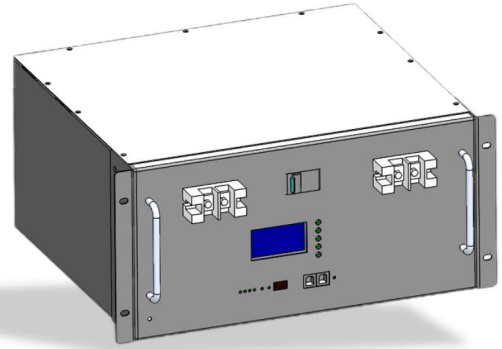




LiFePO4 Battery BF48100-5U (48V100Ah)

Features

- Standard size:** it can be installed in a standard 19" cabinet. Height is 3U only, saving cabinet space.
- Lower usage cost:** Longer cycle life, Lower usage cost;
- Wider discharge temperature range:** -20~65°C.
- Superior safety:** High safety lithium iron phosphate cell, equipped with high-precision BMS, to ensure Safe operation of battery pack;
- Intelligent BMS:** it can communicated with FSU, real-time monitoring and remote control battery string status, anti-theft locking machine, alarm model output etc.



Length*Width*Height: 442*400*221mm
(Excluded terminals, handles & mounting ears)

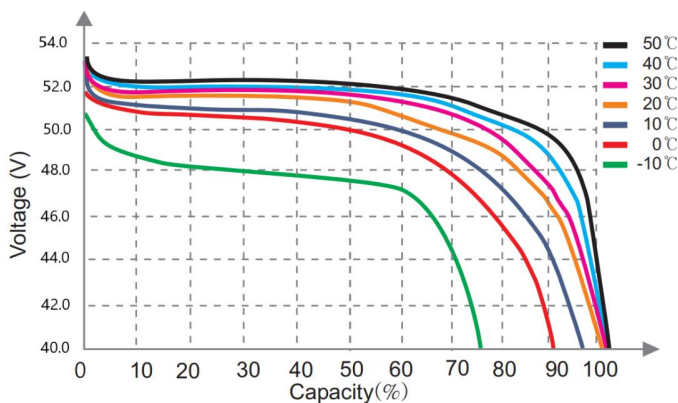
Applications

Communication base station, server room etc

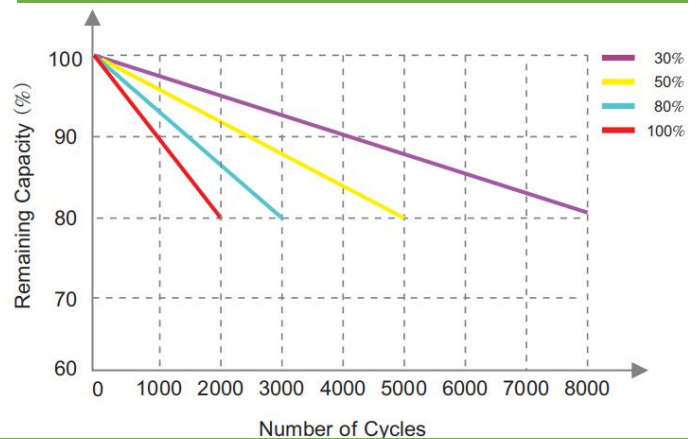
Specification

Nominal voltage	48V	Nominal capacity	100Ah
Energy	4.8KWh	Cycle life	3000 cycles @25°C,0.2,C,80%DOD
Charge voltage	≤54.75V	Discharge voltage	≥37.5V
Charge current	100A	Discharge current	≤100A
Charge temperature	0~45°C	Discharge temperature	-20~65°C
Storage temperature	0~45°C	Self-discharge rate	≤3%/month
Shell material	Q235	IP class	IP30
N.W:	~43Kg	Material system	Lithium Iron Phosphate (LFP)
Terminals	M6	Option functions	LCD,Anti-theft,Anti-reverse connection, heat up
Protective function	Over-current,Over-voltage,Low-voltage,Over-temperature,Low-temperature,Short-circuit etc protections		
Communication interface	RS232(connect with upper computer:1Pcs, RS485(cascaded & FSU:2Pcs, 4-bit binary dip code, communication up to 16 sets		
Other functions	20A Charge current limiting, dry contact, 125A circuit breaker, Cell voltage balance, reset switch,data stroage etc		

Discharge voltage curve at Different temperature



Cycle life at different DOD



Zhuhai Angel Energy Technology Co., Ltd

W: www.agmenergy.net

T/F: +86-0756-5239892

Contact: James Wong E: agm01@agmenergy.net

Whatsapp/M: +86-13527267085 Wechat: Cindy-AGM

Add: Bldg2, No.26, 2nd Xinke Road, Baijiao Technology Industrial Park, Doumen District, Zhuhai, GD, China.