

LFP 5000

51.2V 100Ah

LiFePO4 BATTERY

- High inverter compatibility
- Natural cooling system
- >15 Years life span
- Reliable LFP cells
- Scalable up to 80kWh 16 (Parallel)
- Cells cycle times 6000 cycles
- CANbus standard connection
- IP20 Rating
  Triple hardware protection
- Smart BMS system to optimize the performance

UK CA CE MSDS UN 38.3 ISO

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Electrical Characteristics

Module Type	LFP 5000 / LV
Total Energy*	5.12kWh
Usable Energy(DC)*	4.6kWh
Nominal Dis-/ Charge Cuurrent	50A / 50A
Voltage Range	43.2~58.4Vd.c
Nominal Voltage	51.2Vd.c
Max. Charge Voltage	58.4Vd.c
Weight	49.5kg
Dimension(mm)	453×433×177mm
Safety	CE,UN38.3,IEC62619,IEC63056

Max.recommended DOD	90%
Operating Condition	Indoor
Operating Temperature Charge	0~45℃
Operating Temperature Discharge	-10~50℃
Storage Temperature	-20~50℃
Humidity	4~100% (non-condensing)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
Case Material	Metal
IP rating	IP20
Protective Class	I
Max. Number in Parallel	16
Warranty	10 years
Life Span	>15 years
Communication	CAN/RS485
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short circuit/ Under-voltage
Hazardous Material Classification	9

Compatible Inverters

victron energy · GOODWE · Deye 德業 · solis · Afore 艾伏 · Growatt · LUXPOWER TEK · SOFAR SOLAR · Voltronic Power · SMA

Specifications are subject to change without further notification

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