

LFP 5000

51.2V 100Ah

RECHARGERABLE LITHIUM 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

UN 38.3

SUNKET®-ESS

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Electrical Characteristics

Module Type	LFP 5000
Nominal Capicity (at 25 ℃)	5.12kWh
Usable Capacity (90%DOD)	4.6kWh
Nominal Dis-/ Charge Cuurrent	50A / 50A
Operating Voltage Range (V)	43~58V
Nominal Voltage	51.2Vd.c
Weight	49.5kg
Dimension(mm)	850×240×230mm
Certificates	UN38.3

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

Compatible Inverters

victron energy BLUE POWER · SOFAR SOLAR · solis · Afore 艾伏 · GROWATT · LUXPOWER TEK · Deye · SMA

Specifications are subject to change without further notification

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