


## *LFP 5000 / HV*

# 51.2V 100Ah

LiFePO4 BATTERY

- High inverter compatibility
- Natural cooling system
- >15 Years life span
- Reliable LFP cells
- Scalable up to 1000V
- 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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# LFP 5000
# 51.2V 100Ah

## Electrical Characteristics

| | |
|---|---|
| Module Type | LFP 5000 |
| Total Energy* | 5.12kWh |
| Usable Energy(DC)* | 4.6kWh |
| Nominal Dis-/Charge Power | 2.5kW |
| Peak Power(Only Discharge) | 2.9kw for 3 second |
| Constant Current(Only Discharge) | 50A |
| Voltage | 43.2~58.4Vd.c |
| Nominal Voltage | 51.2Vd.c |
| Nominal Current | 50A |
| Max. Charge Current | 50A |
| Max. Discharge Current | 50A |
| Max. Charge Voltage | 58.4Vd.c |
| Weight | 49.5kg |
| Dimension(mm) | 453×433×177mm |
| Safety | CE,UN38.3,IEC62619 |

| | |
|---|---|
| Max.recommended DOD | 90% |
| Operating Condition | Indoor |
| Operating Temperature Charge | From 0~45℃ |
| Operating Temperature Discharge | From -10~50℃ |
| Storage Temperature | From -20~50℃ |
| Humidity | 4~100% (No condensed water) |
| Pollution Degree | 3 |
| Over Voltage Category | II |
| Cooling Type | Natural cooling |
| Case Material | Metal |
| IP rating | IP20 |
| Protective Class | I |
| Max. Number in a cluster | 10 |
| 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

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Specifications are subject to change without further notification

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