

LFP3000 / HV

57.6V 50Ah Each block

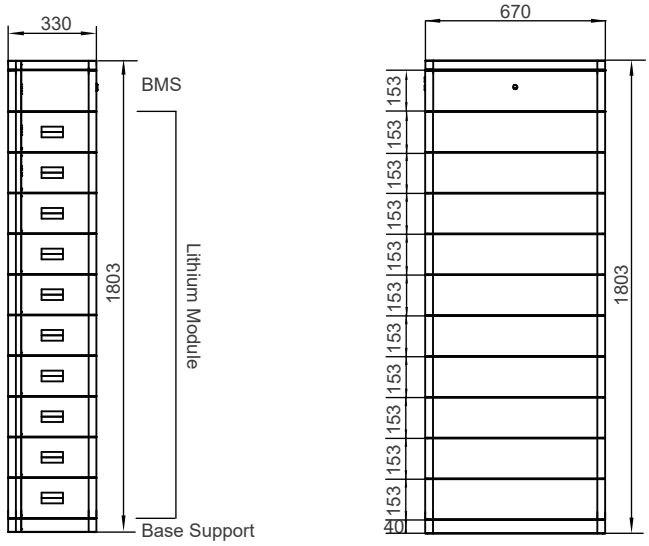
RECHARGEABLE LITHIUM BATTERY

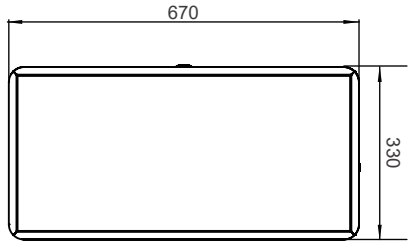
- High inverter compatibility
- Home Automation
- >15 Years life span
- Reliable LFP cells
- WiFi Communication
- Cells cycle times ≥6000 cycles
- CANbus standard connection
- IP54 Rating Triple hardware protection
- Smart BMS system to optimize the performance

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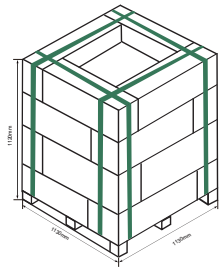


Min Capacity: 3 Lithium Modules & BMS
Max Capacity: 10 Lithium Modules & BMS

Electrical Characteristics

Module Type	LFP 9kWh / HV	LFP 12kWh / HV	LFP 15kWh / HV	LFP 18kWh / HV	LFP 21kWh / HV	LFP 24kWh / HV	LFP 27kWh / HV	LFP 30kWh / HV
Nominal Energy (at 25°C)	8.64kWh	11.52kWh	14.40kWh	17.28kWh	20.16kWh	23.04kWh	25.92kWh	28.80kWh
Usable Energy (90%DOD)	7.78kWh	10.37kWh	13.00kWh	15.55kWh	18.14kWh	20.74kWh	23.33kWh	25.92kWh
Battery Module	LFP 3000 / HV : 57.6V 50Ah							
Number of Modules	3	4	5	6	7	8	9	10
Nominal Voltage	172.8V	230.4V	288V	345.6V	403.2V	460.8V	518.4V	576V
Operating Voltage Ranges	151.2-197.1V	201.6-262.8V	252-328.5V	302.4-394.2V	352.8-459.9V	403.2-525.6V	453.6-591.3V	504-657V
Nominal Dis-/Charge Current	50 / 25A							
Max. Charge Voltage	197.1V	262.8V	328.5V	394.2V	459.9V	525.6V	591.3V	657V
Weight	102kg	131kg	160kg	189kg	218kg	247kg	276kg	305kg
Dimension	670*330*697	670*330*855	670*330*1013	670*330*1171	670*330*1329	670*330*1487	670*330*1645	670*330*1803
Certificates	CE,UN38.3,IEC62619,IEC63056,IEC62477							

Operating Condition	Indoor or outdoor
Operating Temperature Charge	0~55°C
Operating Temperature Discharge	-20~60°C
Humidity	Up to 90% (non-condensing)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
IP Rating	IP 54
Protective Class	I
Cycle Life	≥ 6000 (@25°C ± 2°C , 0.5P / 0.5P, 70% EOL)
Communication Interface	CAN/WIFI
Protection Mode	Triple hardware protection
Battery Protection	Over-current / Over-voltage / Short-circuit / Under-voltage



16 PIECES PALLET

Packing Configuration

Pallet Dimensions	1130x1130x1120mm	
Container	20'GP	40'HQ
LFP 9kWh / HV Pieces per Container	240Lithium Modules&80BMS	480Lithium Modules&160BMS
LFP 12kWh / HV Pieces per Container	256Lithium Modules&64BMS	512Lithium Modules&128BMS
LFP 15kWh / HV Pieces per Container	260Lithium Modules&52BMS	530Lithium Modules&106BMS
LFP 18kWh / HV Pieces per Container	270Lithium Modules&45BMS	540Lithium Modules&90BMS
LFP 21kWh / HV Pieces per Container	280Lithium Modules&40BMS	560Lithium Modules&80BMS
LFP 24kWh / HV Pieces per Container	280Lithium Modules&35BMS	568Lithium Modules&71BMS
LFP 27kWh / HV Pieces per Container	288Lithium Modules&32BMS	576Lithium Modules&64BMS
LFP 30kWh / HV Pieces per Container	290Lithium Modules&29BMS	580Lithium Modules&58BMS

Cooperation Partners

Deye solis Afore GROWATT SOFAR SOLINTEG

sunket.com
sales@sunket.cn

Specifications are subject to change without further notification
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