

# LIFEPO4 BATTERY

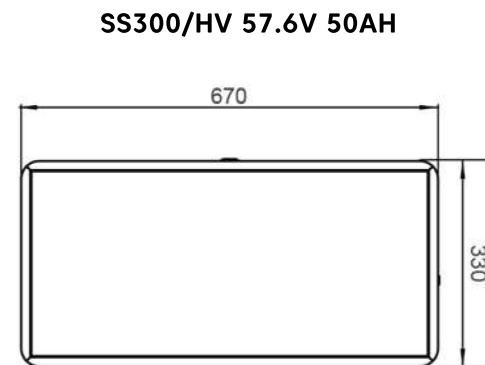
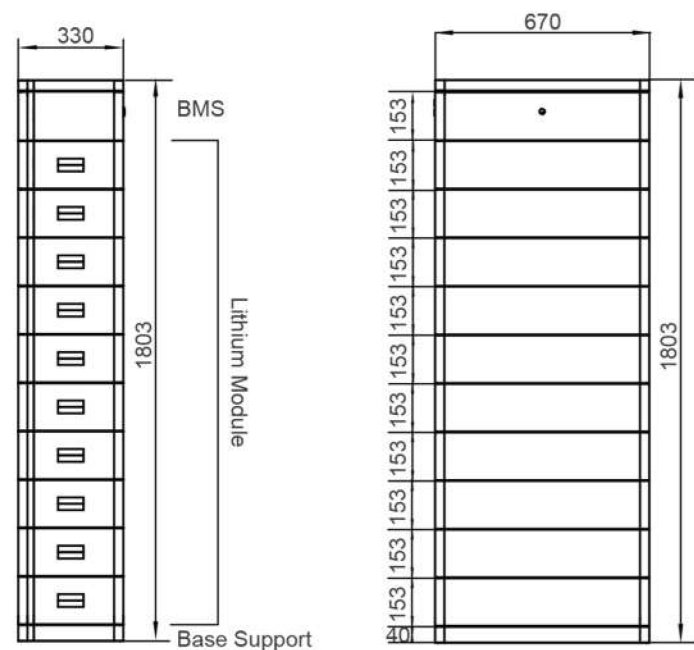
## Stackable Series (SS 3000/HV)

High Voltage

57.6V 50Ah Each block



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



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



### Technical Parameter

Module Type	SS 9kWh/HV	SS 12kWh/HV	SS 15kWh/HV	SS 18kWh/HV	SS 21kWh/HV	SS 24kWh/HV	SS 27kWh/HV	SS 30kWh/HV
Usable Energy*	8.64kWh	11.52kWh	14.40kWh	17.28kWh	20.16kWh	23.04kWh	25.92kWh	28.80kWh
Battery Module	SS 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	460.6V	518.4V	576V
Operating Voltage Ranges	135-197.1V	180-262.8V	225-328.5V	270-394.2V	315-459.9V	360-525.6V	405-591.3V	450-657V
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(mm)	670*330*697	670*330*855	670*330*1013	670*330*1171	670*330*1329	670*330*1487	670*330*1645	670*330*1803
Safty	CE,UN38.3,IEC62619,IEC63056,IEC62477							
Max.recommended DOD	90%							
Operating Condition	Indoor or outdoor							
Operating Temperature	0~55°C							
Humidity	-20~55°C							
Pollution Degree	0~95% (No condensed water)							
Over Voltage Category	3							
Cooling Type	II							
Case Material	Natural cooling							
IP Rating	Metal+Plastic							
Protective Class	IP54							
Warranty	I							
Life Span	10 years							
Communication	>15 years							
Protection Mode	CAN/WIFI							
Battery Protection	Triple hardware protection							
Hazardous Material Classification	Over-current/Over-voltage/Short-circuit/Under-voltage							
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### WIDE COMPATIBILITY

