



# LFP 3000 / HV

# 57.6V 50Ah Each block

LiFePO4 BATTERY



High inverter compatibility



Home Automation



>15 Years life span



Reliable LFP cells



Wi-Fi Communication



Cells cycle times 6000 cycles



CANbus standard connection



IP54 Rating Triple hardware protection



Smart BMS system to optimize the performance



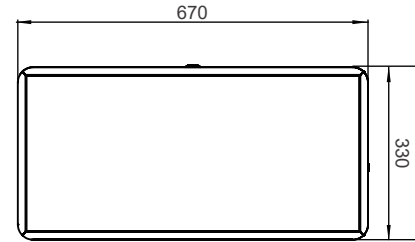
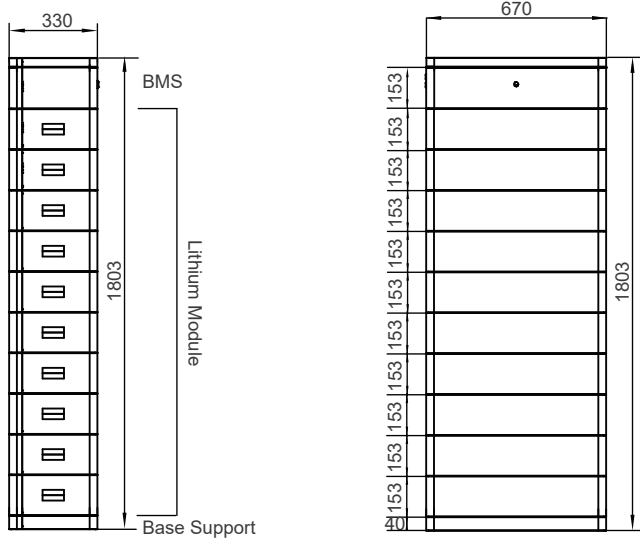
# Rokolux

Solartechnik für Ihr Zuhause

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LFP 3000 / HV  
57.6V 50Ah



**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
Usable Energy*	8.64kWh	11.52kWh	14.40kWh	17.28kWh	20.16kWh	23.04kWh	25.92kWh	28.80kWh
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	460.6V	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
Safety	CE,UN38.3,IEC62619,IEC63056							

## Cooperation Partners



Max.recommended DOD	90%
Operating Condition	Indoor or outdoor
Operating Charge	0~55 C
Temperature Discharge	-20~55 C
Humidity	0~95% (No condensed water)
Pollution Degree	3
Over Voltage Category	II
Cooling Type	Natural cooling
Case Material	Metal+Plastic
IP Rating	IP 54
Protective Class	I
Warranty	10 years
Life Span	>15 years
Communication	CAN/WIFI
Protection Mode	Triple hardware protection
Battery Protection	Over-current/Over-voltage/Short-circuit/Under-voltage
Hazardous Material Classification	9