

HV LiFePO4 Battery System (Rack Type)

- Safe & Reliable
- Longer Life & High efficiency
- Flexible Expansion
- Easy Installation

Rack Type High Voltage Lithium Battery System 153.6V-204.8V 106Ah



Safety & Reliable
LiFePO4 & Smart BMS



Optimal Electricity Cost
Long cycle life and superior performance



Compact Size & East Installation
Module and Rack design for quick installation



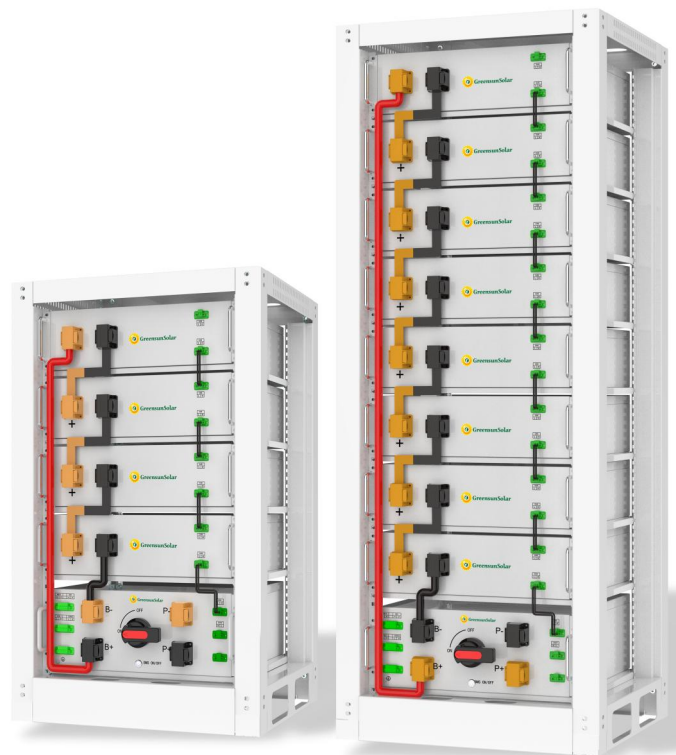
Expand capacity flexibly
Parallel to expand capacity easily



High compatibility BMS
Seamless communication with most brands inverters



Wide Applications:
Self-Use, Peak Shaving, UPS, Backup, ESS, HESS,
BESS, Bank, Hospital, School, Hotel, Telecom, Base Station



Specifications(HV Rack Type Battery System)

MODEL	GRB-16.28H	GRB-21.7H
Battery Type	LiFePO4(LFP)	
Battery Module Data		
Nominal Voltage	51.2V	
Nominal Capacity	106AH	
Nominal Energy	54.27KWH	
Dimension	440*442*133mm	
Battery System Data		
Module Qty&Configuration	3pcs in series	4pcs in series
Nominal Voltage	153.6V	204.8V
Battery System Energy	16.28KWH	21.70KWH
System Usable Energy 90% DOD	14.65KWH	19.53KWH
Operating Voltage Range	134.4-172.8V	179.2-230.4V
Dimension(W*D*H)	600*400*685mm	600*400*835mm
Weight	175KG	220KG
Charge Current	100A(MAX); 50A(Recommended)	
Discharge Current	100A(MAX); 50A(Recommended)	
Cycle Life	6000Cycles, 25°C	
Monitoring Parameters	SOC, System voltage, current, cell voltage, cell temperature, module temperature	
Communication	CAN/RS485	
IP Rating of Enclosure	IP20	
Operating Temp. Range	Charge: 0~55°C; Discharge: -20~55°C	
Transport or Storage Temperate Range	-20°C-45°C	
Humidity	10% - 95% (No Condensing)	
Altitude	≤2000m	
Design Life	15Years+	