






RACK TYPE HIGH VOLTAGE LITHIUM BATTERY SYSTEM


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Safety & Reliable
LiFeP04 & Smart BMS
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Optimal Electricity Cost
Long cycle life and superior performance
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Compact Size & East Installation
Module and Rack design for quick installation
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Expand capacity flexibly
Parallel to expand capacity easily
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High compatibility BMS
Seamless communication with most brands inverters
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Multi-Applications
Self-Use, Peak Shaving, UPS, Backup, ESS, HESS, BESS.



BMS BOX



BATTERY

SPECIFICATIONS(HV BATTERY SYSTEM)16S

MODEL	BRLF-HV25K16SN	BRLF-HV30K16SN	BRLF-HV35K16SN	BRLF-HV40K16SN	BRLF-HV45K16SN	BRLF-HV50K16SN
Model No	256.0V106AH	307.2V106AH	358.4V106AH	409.6V106AH	460.8V106AH	512.0V106AH
Nominal Voltage	256.0V	307.2V	358.4V	409.6V	460.8V	512.0V
Nominal Capacity	106AH					
Module Dimension (mm)	440*442*133mm*5	440*442*133mm*6	440*442*133mm*7	440*442*133mm*8	440*442*133mm*9	440*442*133mm*10
RACK Dimension (mm)	600*550*912mm	600*550*1064mm	600*550*1216mm	600*550*1368mm	600*550*1520mm	600*550*1672mm
Weight(kg)	270KG	320KG	370KG	420KG	470KG	520KG
SPECIFICATIONS	PARAMETER		PARAMETER			
Nominal Capacity (KWH)	27.13KWH	32.56KWH	37.99KWH	43.41KWH	48.84KWH	54.27KWH
Discharge Cut-off Voltage (V)	220	264	308	352	396	440
Charge Cut-off Voltage (V)	284	340.8	397.6	454.4	511.2	568.0
Recommend Charge/Discharge Current (A)	60					
Max. Charge/Discharge Current(A)	120					
Communication	RS485/RS232/CAN					
Working Temperature	0°C~50°C Charge -10°C ~50°C Discharge					
Transport or Storage Temperature Range	- 20°C~60°C					
Certification	CE/IEC/UL/UN38.3/MSDS					
Design Life	15years+					
Cycle Life	(0.5C/0.5C-80% DOD) >6000 times					
Series Function	Support 16 units in Series					
Certification	UN38.3/MSDS/ROHS					

WIDE COMPATIBILITY