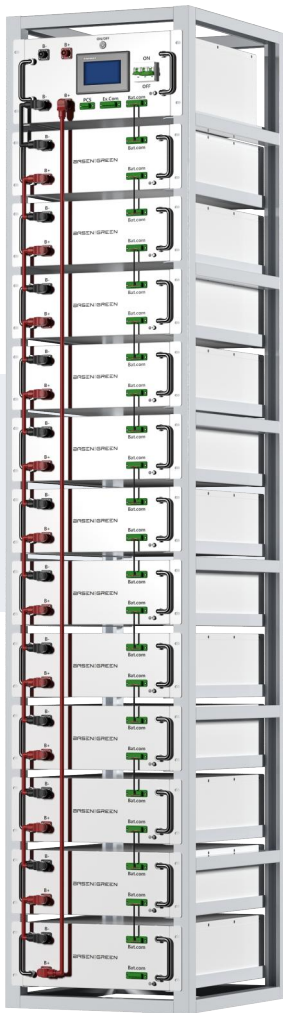
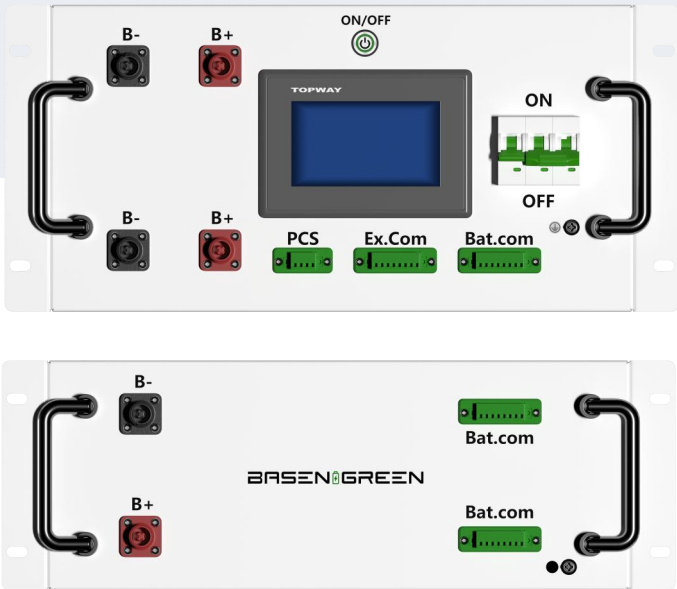


HIGH VOLTAGE RACK-MOUNTED LIFEPO4 SERIES

BR-RM-HV-60KWH



PRODUCT FEATURES



Advanced LiFePO4 Technology
Lithium iron phosphate(LFP) Battery,
longer cycle life, stable performance



Intelligent BMS System
Comprehensive BMS
with sophisticated monitoring and protection



Modular Design
Scalable from 14/16kWh
to multi-MWh configurations



Higher Voltage Architecture
Enables longer string
and reduced balance-of-system costs



Compatibility
Compatible with mainstream
brand of inverter



Safety Certification
Compliant with rigorous international
standards and testing protocols

Model	BR-RM-HV-5KWH
Battery Chemistry	Lithium iron phosphate(LiFePO4)
Connection Style	16S1P
Module Energy(Wh)	5120
Module Nominal Voltage(V)	51.2
Module Capacity(Ah)	100
Operation Voltage Range (V)	44.8-57.6
Recommend Charge Current(A)	50
Recommend Discharge Current(A)	50
Max. Continuous Charge Current(A)	50
Max. Continuous Discharge Current(A)	50
Module Dimension(W*D*H, mm)	440*550*150
Module Weight Approximate(kg)	45
Installation Location	Rack Mounting

Model	BR-RM-HV-20KWH	BR-RM-HV-30KWH	BR-RM-HV-40KWH	BR-RM-HV-50KWH	BR-RM-HV-60KWH
Connection Style	64S1P	96S1P	128S1P	160S1P	192S1P
Battery Module Qty In Series(Units)	4	6	8	10	12
System Nominal Energy(kWh)	20.48	30.72	40.96	50.12	61.44
System Rated Voltage(V)	204.8	307.2	409.6	512	614.4
System Operating Voltage Range(V)	166.4-230.4V	249.6-345.6	332.8-460.8	432-576	518.4-691.2
System Dimension-Rack(L*W*H, mm)	670*580*1160	670*580*1500	670*580*1850	670*580*2200	670*580*2550
System Weight Approximate(kg)	238	340	440	545	638
Cycle Life	6000 cycles(@80%DoD, 25°C/0.5C)				
Recommend Charge Current(A)	50				
Recommend Discharge Current(A)	50				
Max. Continuous Charge Current(A)	50				
Max. Continuous Discharge Current(A)	50				
Communication Port	CAN				
Max.Parallet Quantities(System)	20				
Protection Level	IP20				
Charge Temperature Range	0°C~60°C				
Discharge Temperature Range	-20°C~60°C(Under 0°C work with reduced capacity)				
Storage Temperature Range	-20°C~60°C @ 60±25% relative humidity				
Inverter Compatibility	DEYE, Solis, SMA, Sofar, Goodwe, Invt, Gospower, Sinexcel, etc				
Warranty	10 Years (warranty or cycle life, whichever comes first)				