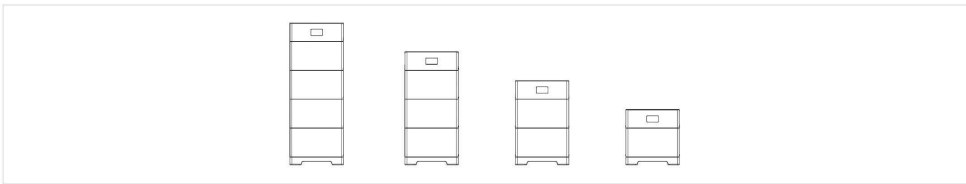


RS-BM

High voltage-Stack batteries performance parameter



RS-BM-5KH | RS-BM-10KH | RS-BM-15KH | RS-BM-20KH



performance parameter				
Model	RS-BM-5KH	RS-BM-10KH	RS-BM-15KH	RS-BM-20KH
Energy	5kwh	10kwh	15kwh	20kwh
Energy(useable) (100%DOD)	5kwh	10kwh	15kwh	20kwh
Nominal voltage	400V			
Cell type	LFP			
Connection	1P16S			
Operating voltage	350V-450V			
Max. Efficiency	2.5kw	5kw	7.5kw	10kw
DC Switch	50A, 1000V Class			
WiFi Frequency range	2412-2472MHz			
Rated Capacity	100Ah			
Extensibility	Max.60kwh			
Communication	CAN2.0/RS485/WIFI/LAN			
Operating Temperature Range	-30°C~60°C			
Max. Operating Humidity	10%-95% (No Condensation)			
Dimensions W x H x D	633* (597/912/1227*1542) *189mm			
Weight	67kg	119kg	171kg	223kg
IP Class	IP65			
Max. Operating Altitude	<4000m			
Cooling Type	Natural Cooling			
Cycle life	6000 cycles (25°C, 0.5C/0.5C, 90%DOD, 70% EOL)			
Warranty	10 years			
Certification & Standard	IEC62619,CE,UN38.3			



Residential energy storage system with lithium iron phosphate (LFP) technology



Single battery module is equipped with DC to DC conversion, which increases the output voltage to 350~450V



Supports power expansion, and the single battery system with power 2.5 to 10kw



Indoor or outdoor installation (IP65)