

RS-BW



RS-BW-5KL



Wall mounting design, can be installed on the wall



Bluetooth and WiFi for Mobile APP

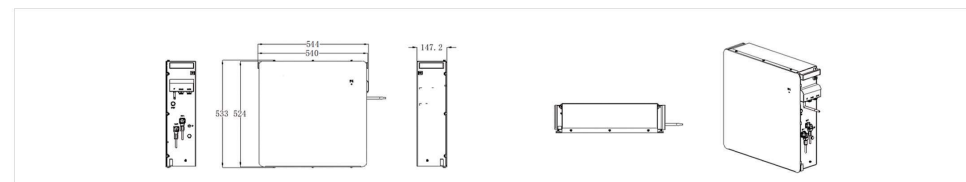


Support the using of -10°C to 50°C



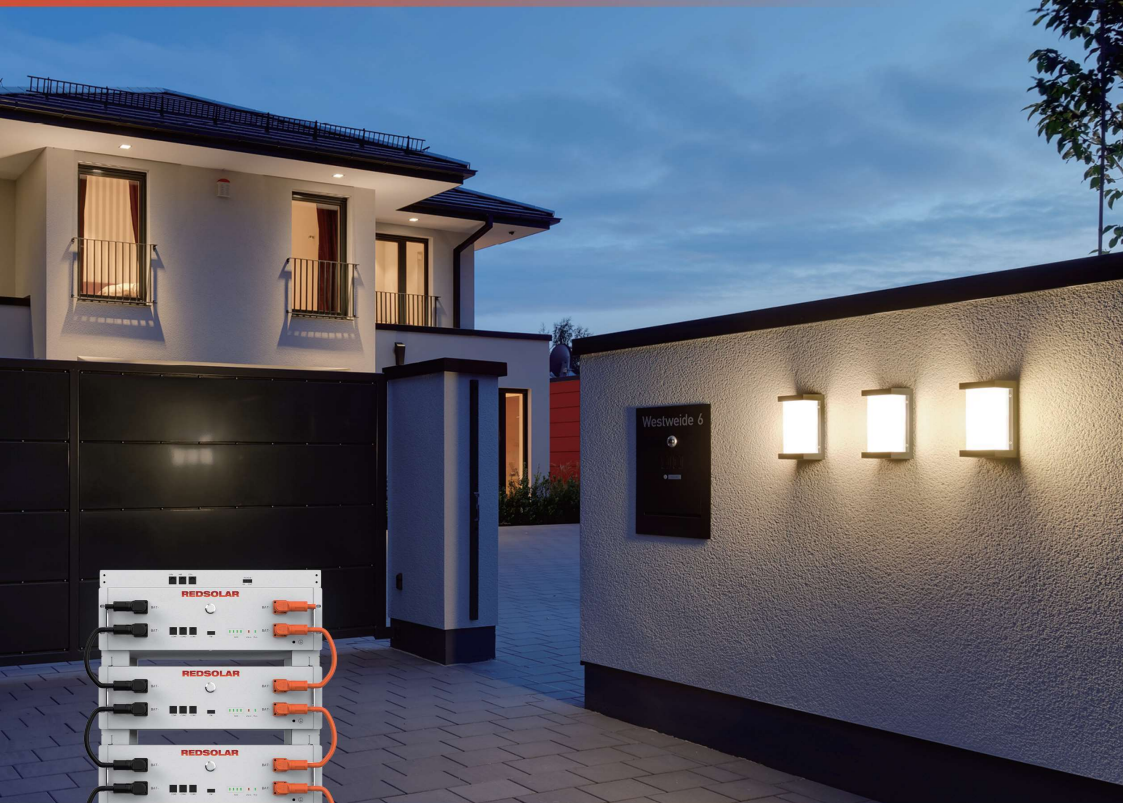
Residential energy storage system with lithium iron phosphate (LFP) technology

Wall-mounted battery performance parameter



performance parameter	
Model	RS-BW-5KL
Energy	5kwh
Energy(useable) (100%DOD)	5kwh
Nominal voltage	51.2V
Cell type	LFP
Connection	1P16S
Operating voltage	44.8V-55.2V
Max.Efficiency	>98%
Nominal charging/discharging current	50A/50A
Max.charging/discharging current	100A/100A
Rated Capacity	100Ah
Extensibility	Max.40kwh
Communication	CAN2.0
Operating Temperature Range	-10°C-50°C
Max. Operating Humidity	10%-90% (No Condensation)
Dimensions W x H x D	544*524*162
Weight	55kg
IP Class	IP65
Max. Operating Altitude	<2000m
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

RS-BS



RS-BS-5KL | RS-BS-10KL | RS-BS-15KL | RS-BS-20KL



Expandable to 60kWh



Support the mixing of new and old batteries

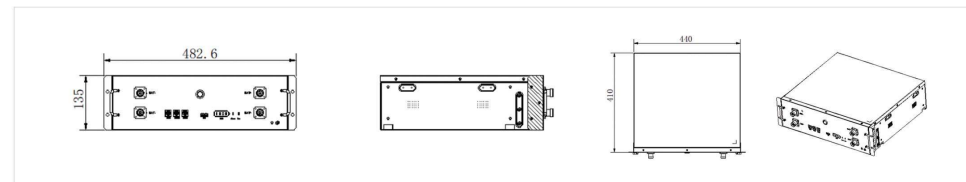


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Support the using of -10°C to 50°C

Rack battery performance parameter



performance parameter				
Model	RS-BS-5KL	RS-BS-10KL	RS-BS-15KL	RS-BS-20KL
Energy	5kwh	10kwh	15kwh	20kwh
Energy(useable) (100%DOD)	5kwh	10kwh	15kwh	20kwh
Nominal voltage	51.2V			
Cell type	LFP			
Connection	1P16S			
Operating voltage	44.8V-55.2V			
Max.Efficiency	>98%			
Nominal charging/discharging current	50A/50A	100A/100A	150A/150A	200A/200A
Max.charging/discharging current	100A/100A	180A/180A	200A/200A	200A/200A
Rated Capacity	100Ah			
Extensibility	Max.40kwh			
Communication	CAN2.2/RS485			
Operating Temperature Range	-10°C-50°C			
Max. Operating Humidity	10%-90% (No Condensation)			
Dimensions W x H x D	482*135*433/Single			
Weight	45kg	90kg	135kg	180kg
IP Class	IP20			
Max. Operating Altitude	<2000m			
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,CEI 0-21/UL1973,FCC,UL9540A,UN38.3			

RS-BM



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



Expandable to 60kWh



Support the mixing of new and old batteries

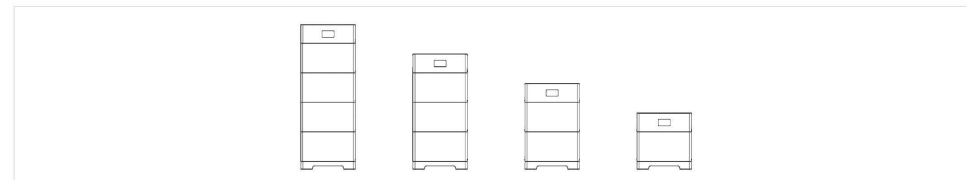


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Indoor or outdoor installation (IP65)

Low voltage-Stack batteries performance parameter



performance parameter				
Model	RS-BM-5KL	RS-BM-10KL	RS-BM-15KL	RS-BM-20KL
Energy	5kwh	10kwh	15kwh	20kwh
Energy(useable) (100%DOD)	5kwh	10kwh	15kwh	20kwh
Nominal voltage	51.2V			
Cell type	LFP			
Connection	1P16S			
Operating voltage	44.8V-55.2V			
Max.Efficiency	>98%			
DC Switch	250A, 80V			
Max.charging/discharging current	100A/100A	180A/180A	200A/200A	200A/200A
Rated Capacity	100Ah			
Extensibility	Max.60kwh			
Communication	CAN2.0/RS485			
Operating Temperature Range	-30°C~60°C			
Max. Operating Humidity	10%~95% (No Condensation)			
Dimensions W x H x D	573* (597/912/1227/1542) *189mm			
Weight	65kg	115kg	165kg	215kg
IP Class	IP65			
Max. Operating Altitude	<2000m			
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,CEIO-21 ,UL1973,FCC,UL9540,UL9540A,UN38.3			