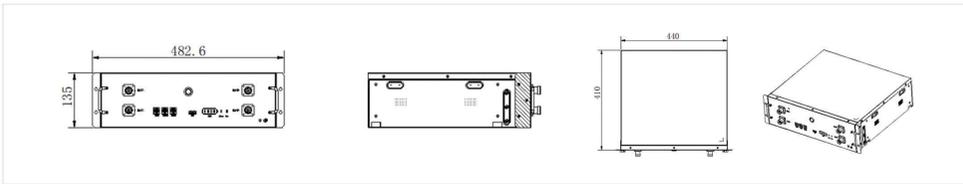


RS-BS



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

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			



Expandable to 60kWh



Support the mixing of new and old batteries



Bluetooth and WiFi for Mobile APP



Support the using of -10°C to 50°C