

# RS-BW



RS-BW-5KL



Wall mounting design, can be installed on the wall



Bluetooth and WiFi for Mobile APP

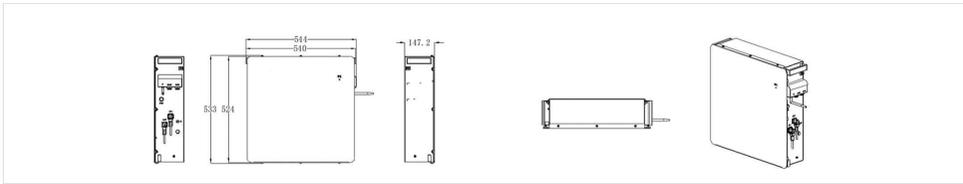


Support the using of -10°C to 50°C



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