

Wall Mounted Battery

SIB - 5K - L - W 1

1: Number of modules

W: Wall mounted

L: Lithium ion battery

NOminal Energy 5K : 5kWh
10K : 10kWh
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SIB: Battery



Model	SIB-5K-L-W1	SIB-10K-L-W2	SIB-15K-L-W3	SIB-20K-L-W4	SIB-25K-L-W5	SIB-30K-L-W6
SYSTEM DATA						
Nominal energy	5.37kWh	10.74kWh	16.11kWh	21.48kWh	26.85kWh	32.22kWh
Usable energy	4.83kWh	9.67kWh	14.50kWh	19.33kWh	24.17kWh	29.00kWh
Rated charge / discharge power	2.68kW	5.37kW	5.37kW	5.37kW	5.37kW	5.37kW
Max. charge / discharge power(@5min)	5.37kW	10.75kW	10.75kW	10.75kW	10.75kW	10.75kW
Peak charge / discharge power (@60s)	8.60kW	17.20kW	17.20kW	17.20kW	17.20kW	17.20kW
Dimension (W*D*H)	500*187*630mm(SIB-5K-L-W1)					
Weight	53Kg(SIB-5K-L-W1)					
Number of modules	1	2	3	4	5	6
Nominal voltage	51.2V					
Operating voltage Range	40~57.6V					
Rated charge / discharge current	50A	100A	100A	100A	100A	100A
Max. charge / discharge current	100A	200A	200A	200A	200A	200A
Battery round trip efficiency	95%	95%	95%	95%	95%	95%
Max. depth of discharge (DOD)	90%	90%	90%	90%	90%	90%
ENVIRONMENT LIMIT						
Operating temperature	0~50°C					
Storage temperature	-20~60°C					
Humidity	5~90%					
Altitude	<2000m					
COMMUNICATION AND USER INTERFACE						
Communication port	CAN,RS485					
Indicator	SOC: 5 LED (20 %, 40 %, 60 %, 80 %, 100 %); Status: 1 LED (working mode)					
System switch (ON / OFF)	Power button, DC-Breaker					
GENERAL DATA						
Design life	15+Years					
Cycle life	>6000, @0.2C @25°C DOD 90%					
Cooling concept	Natural convection					
CERTIFICATE						
Enclosure protection rating	IP65					
Safety	IEC62619/VDE2510-50					
EMC	EN61000-6-1 / EN61000-6-2 / EN61000-6-3 / EN61000-6-4 / EN61000-3-2 / EN61000-3-3 / EN61000-3-11 / EN61000-3-12					
Transport	UN38.3					