

TECHNICAL PARAMETER

SPECIFICATION	SK-25.6V200AH(POWER WALL DESIGN)	SK-51.2V100AH(POWER WALL DESIGN)	SK-51.2V200AH(POWER WALL DESIGN)
Battery Type	LiFePO4	LiFePO4	LiFePO4
Normal Battery Model	25.6V200AH	51.2V100AH	51.2V200AH
Normal Capacity(25°C, 0.2C)	5120Wh	5120Wh	10.24KWh
Voltage window (Vdc)	22.4 ~ 29.2V	44.8 ~ 58.4V	44.8 ~ 58.4V
Folat Charge Voltage(Vdc)	27.6V	55.2V	55.2V
Max.continue discharge current (A)	100A	100A	150A
Max.pulse discharge current (A)	200A 30Sec.	200A 30Sec.	200A 30Sec.
Max.continue charge current (A)	100A	100A	100A
Cycle life(+25°C 0.2C 100%DOD)	> 6000 Cycles	> 6000 Cycles	> 6000 Cycles
Cells Brand	other	other	other
Terminal	M8		
Storage temperature	0°C ~ 30°C		
Storage duration	6 months at 25°C		
Safety standard	UN38.3,MSDS,CE		
IP degree	IP20		

Communication function	CAN/RS485/RS232, standard BMS with SAKO SUNPOLO 6KW Solar Inverter Communication protocol. Optional smart BMS can communicate with main Brand of Solar Inverter: Deye, Growatt, Voltronic, GOODWE, SMA, SOFAR, etc.		
PROTECTION			
Protection	Overcharge protection,Overdischarge protection,Overcurrent protection, Shortcircuit protection, Overtemperature protection		
AMBIENT			
Noise(dB)	< 40dB (1 meter)		
working Temperature	Discharge: -10℃ ~ +50℃, Charge: 0℃ ~ +50℃		
Humidity	0~95% (no condensation)		
Sea Level(m)	≤1500		
DIMENSION			
L×W×H (products size) mm	655*410*182mm / 640*390*178mm	643*410*182mm / 640*390*178mm	853*560*178mm
L×W×H (package size) mm	684*460*240mm / 684*440*240mm	684*460*240mm / 684*440*240mm	898*635*265mm
Weight(NW Kg)	46.0Kg	46.6Kg / 46.0Kg	88.1Kg / 90.8Kg
Weight(GW Kg)	49.7Kg	50.4Kg / 49.7Kg	102.4Kg / 105.2Kg