

Li-Sun Wall Stand Lithium Battery Pack 100Ah-300Ah
With 6000/8000+ Cycles

25.6V 100Ah/200Ah/300Ah/400Ah, 51.2V 100Ah/200Ah/300Ah



Main Features

- Top brand new LiFePO4 cells, super safety.
- 5 Years warranty, 6000/8000+ cycles, 10+ years life design.
- Supports wall mounted or floor stand installation.
- 100A/150A/200A Smart BMS matches well with solar system.
- All around protection and unattended operation.
- 51.2V battery Integrated with multiple communication protocols for 10+ brands of inverters.
- With Wifi/Bluetooth for easy monitor
- With battery cable
- Built inside with fire protection devices

SAKO leading technology:

Internal battery temperature reaches 100°C within 10mins, the cover remains at normal temperature.



We Can Provide All Kinds Of Solar Solutions According To Your Demands.

Lithium Battery Pack



MODEL SPECIFICATION	SK-25.6V 100Ah	SK-25.6V 200Ah	SK-25.6V 300Ah	SK-51.2V 100Ah	SK-51.2V 200Ah	SK-51.2V 300Ah
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Total Energy	2560Wh	5120Wh	7680Wh	5120Wh	10240Wh	15360Wh
Usable Energy (90%DOD)	2304Wh	4608Wh	6912Wh	4608Wh	9216Wh	13824Wh
Voltage window	22.4~29.2V	22.4~29.2V	22.4~29.2V	44.8~58.4V	44.8~58.4V	44.8~58.4V
Fast Charge Voltage	28.8V	28.8V	28.8V	57.6V	57.6V	57.6V
Folat Charge Voltage	28.0V	28.0V	28.0V	56.0V	56.0V	56.0V
Low DC Cut-off Voltage	23.4V	23.4V	23.4V	46.8V	46.8V	46.8V
Max.continue discharge current	100A	150A	200A	100A	150A	200A
Max.pulse discharge current	150A 1Sec.	200A 1Sec.	300A 1Sec.	150A 1Sec.	150A 1Sec.	300A 1Sec.
Max.continue charge current	50A	100A	150A	50A	100A	150A
Scalable	1~15 in parallel					
Communication	RS485		CAN,RS485			
Cycle life	>8000 Cycles for 300Ah/600Ah >6000 Cycles for 100Ah/200Ah @(+25°C,0.5C,90%DOD,60%EOL)				>8000 Cycles@ (+25°C,0.5C,90%DOD,60%EOL)	
Terminal	double M8					
Storage temperature	0°C~ 30°C					
Storage duration	6 months at 25°C					
Safety standard	UN38.3,MSDS					
IP degree	IP20					
PROTECTION						
Protection	Over charge protection, Over discharge protection, Over current protection, Shortcircuit protection, Over temperature protection					
AMBIENT						
Working Temperature	-10°C~ +50°C					
Humidity	0~95% (no condensation)					
DIMENSION						
L×W×H (products size)MM	520*390*178	640*390*178	690*455*190	640*390*178	850*560*178	900*625*190
L×W×H (package size)MM	566*440*240 (UN carton)	684*440*240 (UN carton)	739*520*277 (UN wooden cases)	684*440*240 (UN carton)	898*685*265 (UN wooden cases)	948*690*350 (UN wooden cases)
Weight(NW)	32.4	55.0	64.0	55.0	105.2	121.0
Weight(GW)	36.2	60.0	75.0	60.0	121.5	141.0

Smart BMS supports communication with different brand of hybrid inverter

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Li-Sun Wall Stand Lithium Battery Pack 320Ah-640Ah
With 6000/8000+ Cycles

25.6V 320Ah/400Ah/600Ah, 51.2V 320Ah/400Ah/600Ah/640Ah



Main Features

- Top brand new LiFePO4 cells, super safety
- 5 year warranty, 6000/8000+ cycle times, 10+ years life design
- The machine 5KWh above with wheels
- 100A/150A/200A/300A Smart BMS matches well with solar system
- All around protection and unattended operation
- With multiple communiation protocols for 10+ brands of Inverters
- With Wifi/Bluetooth for easy monitor
- With touch screen (with 7-inch touch screen or 4.3-inch touch screen)
- With battery cable + battery beaker
- Multiple language standard: Chinese, English, Arabic
- Built inside with Fire Protection & Temperature Sensor devices

SAKO leading technology:

- Internal battery temperature reaches 100°C within 10mins, the cover remains at normal temperature.



Lithium Battery Pack



MODEL SPECIFICATION	SK-25.6V 320Ah	SK-25.6V 400Ah	SK-25.6V 600Ah	SK-51.2V 320Ah	SK-51.2V 400Ah	SK-51.2V 600Ah	SK-51.2V 640Ah
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Total Energy	8192Wh	10240Wh	15360Wh	16384Wh	20480Wh	30720Wh	32768Wh
Usable Energy (90%DOD)	7373Wh	9216Wh	13824Wh	14746Wh	18432Wh	27648Wh	29491Wh
Voltage window	22.4~29.4V	22.4~29.4V	22.4~29.4V	44.8~58.4V	44.8~58.4V	44.8~58.4V	44.8~58.4V
Fast Charge Voltage	28.8V	28.8V	28.8V	57.6V	57.6V	57.6V	57.6V
Folat Charge Voltage	28.0V	28.0V	28.0V	56.0V	56.0V	56.0V	56.0V
Low DC Cut-off Voltage	24.0V	24.0V	24.0V	48.0V	48.0V	48.0V	48.0V
Max.continue discharge current	160A	200A	200A	160A	200A	300A	300A
Max.pulse discharge current	300A 1Sec.	300A 1Sec.	300A 1Sec.	300A 1Sec.	300A 1Sec.	450A 1Sec.	450A 1Sec.
Max.continue charge current	200A	200A	200A	200A	300A	300A	300A
Scalable	1~15 in parallel						
Communication	RS485		CAN,RS485				
Cycle life	>8000 Cycles for 300Ah/600Ah >6000 Cycles for 100Ah/200Ah @(+25°C,0.5C,90%DOD,60%EOL)					>8000 Cycles@ (+25°C,0.5C,90%DOD,60%EOL)	
Terminal	double M8						
Storage temperature	0°C~ 30°C						
Storage duration	6 months at 25°C						
Safety standard	UN38.3,MSDS						
IP degree	IP20						
PROTECTION							
Protection	Over charge protection, Over discharge protection, Over current protection, Shortcircuit protection, Over temperature protection						
AMBIENT							
Working Temperature	-10°C~ +50°C						
Humidity	0~95% (no condensation)						
DIMENSION							
L×W×H (products size)MM	690*455*190	850*560*178	909*650*245	850*560*178	850*560*260	970*911*245	970*911*245
L×W×H (package size)MM	739*520*277 (UN wooden cases)	858*580*425 (UN wooden cases)	897*580*457 (UN wooden cases)	897*575*470 (UN wooden cases)	898*635*428 (UN wooden cases)	1045*985*425 (UN wooden cases)	1043*988*425 (UN wooden cases)
Weight(NW)	64.0	101.0	113.1	115.0	134.0	233.0	235.7
Weight(GW)	75.0	116.0	130.4	133.0	153.0	259.0	262.4

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