

# LI-SUN SERIES

— LITHIUM LIFEPO4 BATTERY —

**LI-SUN**



Top brand new LiFePO4 cells, super safety.



Supports wall mounted or floor stand installation.



All around protection and unattended operation.



5 Years warranty, 6000+ cycles, 10+ years life design.



100A/150A/200A Smart BMS matches well with solar system.



51.2V battery Integrated with multiple communication protocols for 10+ brands of inverters.

## TECHNICAL PARAMETER

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	SK-51.2V 350Ah
Battery Type	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4	LiFePO4
Total Energy	2560Wh	5120Wh	7680Wh	5120Wh	10240Wh	15360Wh	17920Wh
Usable Energy(90%DOD)	2304Wh	4608Wh	6912Wh	4608Wh	9216Wh	13824Wh	16128Wh
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	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	23.4V	23.4V	23.4V	46.8V	46.8V	46.8V	46.8V
Max.continue discharge current	100A	150A	200A	100A	150A	200A	200A
Max.pulse discharge current	150A 1Sec.	200A 1Sec.	300A 1Sec.	150A 1Sec.	200A 1Sec.	300A 1Sec.	300A 1Sec.
Max.continue charge current	50A	100A	150A	50A	100A	150A	150A
Scalable	1~15 in parallel						
Communication	RS485	RS485	RS485	CAN,RS485	CAN,RS485	CAN,RS485	CAN,RS485
Cycle life	>8000 Cycles for 300Ah >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						
<b>PROTECTION</b>							
Protection	Over charge protection, Over discharge protection, Over current protection, Shortcircuit protection, Over temperature protection						
<b>AMBIENT</b>							
Working Temperature	-10°C~ +50°C						
Humidity	0~95% ( no condensation)						
<b>DIMENSION</b>							
L×W×H (products size)MM	520*390*178	655*410*182	690*455*190	655*410*182	850*660*178	900*625*190	850*560*260
L×W×H (package size )MM	566*440*240 (UN carton)	684*460*240 (UN carton)	734*515*247 (UN carton)	684*460*240 (UN carton)	898*635*265 (UN wooden cases)	948*690*372 (UN wooden cases)	898*635*425 (UN wooden cases)
Weight(NW)	27.8	45.3	65.2	46.1	88.1	122.7	131.6
Weight(GW)	31.0	48.9	68.6	50.3	102.3	143.3	150.7