

SUNKOR Wall/Stand-Mounted Lithium Battery Pack

100Ah-320Ah With 6000/8000+ Cycles

25.6V 100Ah/51.2V 100Ah/51.2V 320Ah



Main Features

- Top brand new LiFePO4 cells, super safety.
- Supports wall mounted or floor stand installation.
- All around protection and unattended operation.
- With Wifi/Bluetooth for easy monitor
- Built inside with fire protection devices
- With battery cable
- 5 Years warranty, 6000/8000+ 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.
- Multilingual Optional: Chinese, English, Arabic/عربي, Français, Deutsch, Español, Italiano, Russian/Русский, Nederlands, Ukraine/українська, Polish/Polski, Burmese/မြန်မာစာ, Tiếng Việt, Farsi/فارسی, etc.

Leading technology:

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

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Lithium Battery Pack



MODEL	SK-25.6V 100Ah	SK-51.2V 100Ah	SK-51.2V 320Ah
Battery Type	LiFePO4	LiFePO4	LiFePO4
Total Energy	2560Wh	5120Wh	16384Wh
Usable Energy (90%DOD)	2304Wh	4608Wh	14746Wh
Voltage window	22.4-29.2V	44.8-58.4V	44.8-58.4V
Fast Charge Voltage	28.8V	57.6V	57.6V
Float Charge Voltage	28.0V	56.0V	56.0V
Low DC Cut-off Voltage	24.0V	48.0V	48.0V
Max.continue discharge current	100A	100A	200A
Max.pulse discharge current	150A 1Sec.	150A 1Sec.	300A 1Sec.
Max.continue charge current	50A	50A	150A
Scalable	1-15 in parallel		
Communication	RS485	CAN,RS485	CAN,RS485
Cycle life	>6000 Cycles@ (+25°C,0.2C, 90%DOD,60%EOL)	>6000 Cycles@ (+25°C,0.2C, 90%DOD,60%EOL)	>8000 Cycles@ (+25°C,0.2C, 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	850*560*178
L×W×H (package size)MM	566*440*240 (UN carton)	665*530*276 (UN carton)	897*575*470 (UN wooden cases)
Weight(NW)	29.9	46	123
Weight(GW)	30.4	50.3	139.9

Smart BMS supports communication with different brand of hybrid inverter

