

SF-5KWH-L1

LOW VOLTAGE BATTERY



Product advantages

- High-performance lithium iron phosphate cells, support high-rate discharge power, stronger load capacity.
- Integrated intelligent BMS, provide cell-level protection, all-round protection of modules.
- Easy installation, automatic communication networking of the battery, support remote monitoring and BMS upgrade.
- Modular design, flexible expansion, up to 16 units in parallel, Max. capacity of 81kWh.
- 19-Inch standard design, support rack-mounted, wall-mounted and floor-mounted installations, high space utilization.



Model		SF-5KWH-L1
System Parameters		
Battery type	LFP	
Total energy	5120 Wh	
Usable energy	4608 Wh	
Rated voltage	51.2 V	
Operating voltage range	44.8 V-57.76 V	
Rated charging/discharging power	2560 W/2560 W	
Rated charging/discharging current	50 A/50 A	
Max.charging/discharging current	50 A/100 A	
Max.Parallel Quantity	16 pcs	
General Parameters		
Communication	CAN	
Dimension (W*H*D)	442*132*590mm	
Weight	45 kg	
Protection rating	IP20	
Cooling	Natural	
Operating temperature	Charge: 0°C ~ +55°C / Discharge: -20°C ~ +60°C	
Humidity	5%-95%	
Installation	Wall Mounted / Floor Mounted / Rack Mounted (19-inch standard cabinet, cabinet depth ≥ 600mm)	
Max.operating altitude	4000 m	
Standard		UN38.3, IEC62619, IEC62040-1, SAA etc

*All specifications are subject to change without notice.

INSTALLATION EXAMPLE



Wall-Mounted



Floor-Mounted



Rack-Mounted