

SF-5KWH-L1

Low voltage battery



Ultimate safety

- Lithium iron phosphate (LFP) cell
- Built-in BMS, full protection from cell to modules



Flexible capacity

- Module design
- up to 16 units in parallel (Max. 81kWh)



Easy installation & Maintenance

- 19-Inch standard design
- Automatic communication networking
- Supports rack-mounted, wall-mounted and floor-mounted installations

Model		SF-5KWH-L1
System Parameters		
Battery type	LiFePO ₄ - lithium iron phosphate battery	
Total energy	5120 Wh	
Rated voltage	51.2V	
Operating voltage range	44.8V-57.6V	
Rated charging/discharging power	2560 W/2560W	
Rated charging/discharging current	50A/50A	
Max.charging/discharging current	50A/100A	
Max.Parallel Quantity	16 pcs	
General Parameters		
Communication	CAN/RS485	
Dimension (W×H×D)	442×132×590mm	
Weight	45kg	
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	4000m	

*All specifications are subject to change without notice.

INSTALLATION EXAMPLE



Wall-Mounted



Floor-Mounted



Rack-Mounted