

SF-16KWH-L1

16 kWh

Low voltage battery



High power

- Lithium iron phosphate(LFP) cell
- Up to 10 kW continuous output



Flexible capacity

- Module design
- Up to 16 units in parallel(Max. 256kWh)



Easy installation & maintenance

- 500 kg-rated casters, easy movement
- Auto networking for battery
- Remote monitoring & OTA via SOFAR inverter



Ultimate safety

- Built-in intelligent BMS, full protection from cell to modules

Model	
SF-16KWH-L1	
System Parameters	
Battery type	LiFePO ₄ - lithium iron phosphate battery
Total energy	16 kWh
Rated voltage	51.2 V
Operating voltage range	44.8 V-57.6 V
Rated charging/discharging power	7.5 kW/7.5 kW
Rated charging/discharging current	150 A/150 A
Max.charging/discharging current	150 A/200 A
Depth of Discharge	90%
Max.Parallel Quantity	16 pcs
General Parameters	
Communication	CAN
Dimension (W×H×D)	425×235×860mm
Weight	115 kg
Protection rating	IP20
Cooling	Natural
Operating temperature	Charge: 0°C ~ +55°C / Discharge: -20°C ~ +60°C
Humidity	5%-95%
Installation	Floor Mounted / Wall Mounted
Max.operating altitude	4000m
Warranty	10 years
Cycle life ^[1]	8000 cycles

[1] Test conditions: 0.2C charging/discharging at 25°C,100%DOD.

*All specifications are subject to change without notice.