SF-16KWH-L1

16 kWh

Low voltage battery



We've GOT YOU COVERED with CGL insurance.

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 neworking for battery
- Remote monitoring & OTA via SOFAR inverter

Ultimate safety

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

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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.