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. 81 kWh)

Easy installation & Maintenance

- 19-Inch standard desgin
- Automatic communication networking
- Supports wall-mounted and floor-mounted installations

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Model	SF-5KWH-L1
System Parameters	
Battery Type	$LiFePO_4$- lithium iron phosphate battery
Total Energy	5120 Wh
Rated Voltage	51.2 V
Operating Voltage Range	44.8 V ~ 57.6 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
Depth of Discharge	90%
Max.parallel Quantity	16 pcs
General Parameters	
Communication	CAN/RS485
Dimension (W×H×D)	442×132×590 mm
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
Max.operating Altitude	4000 m
Cycle Life [1]	≥6000 cycles

[1] Test conditions: 0.2C charging/discharging at 25˚C, 90%DOD.
*All specifications are subject to change without notice.

INSTALLATION EXAMPLE



Wall-Mounted



Floor-Mounted