

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.
- Engineered for Resilience - Featuring a dual layer enclosure, our Li-ion battery is built with chemically sealed internal enclosure that provide exceptional ingress protection against fire control, dust and moisture. This advanced design and chemical insulation keeps the cells cool ensuring reliable performance even in demanding environments.



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	Dual Enclosure
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