Energy Storage Battery Cabinet

Features

Flexible

- 5kWh Modular Design, Scalable from 5 to 30 kWh

Safe & Reliable

- Lithium Iron Phosphate (LFP) Cell

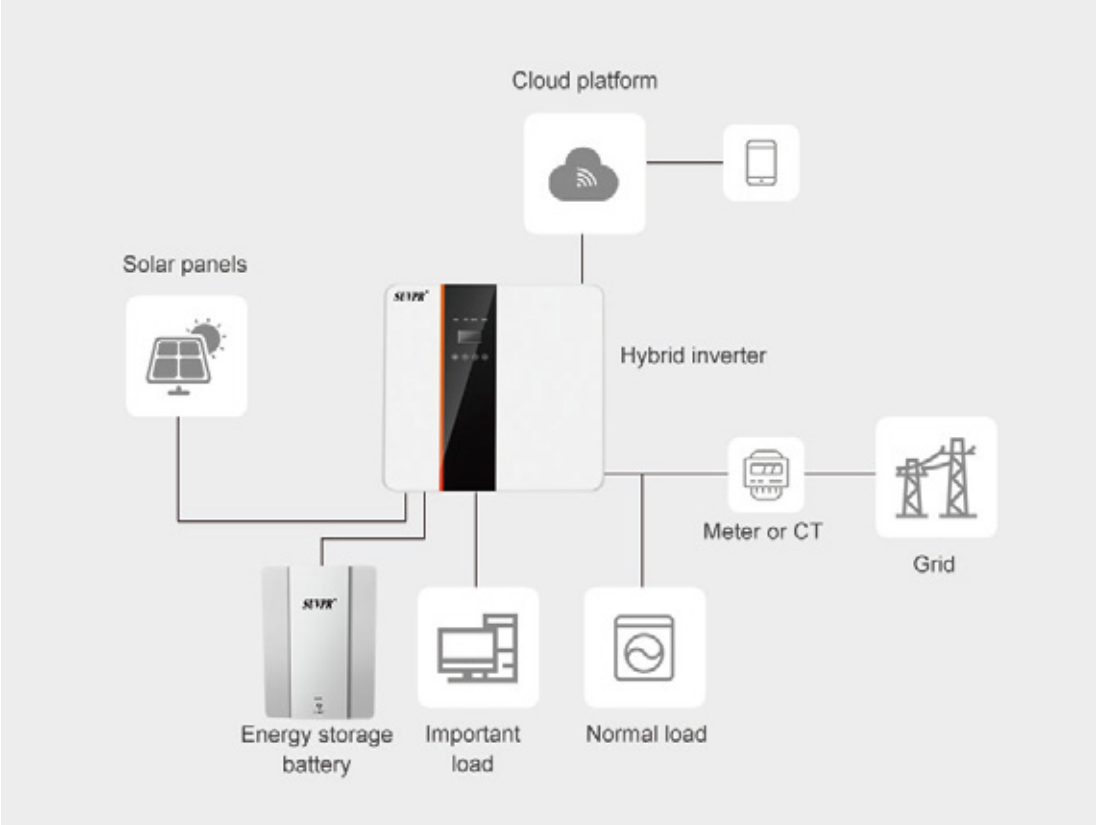
Easy Installation

- 12 kg Power Module, 50 kg Battery Module
- Easy connection, saving installation time and cost.

Perfect Compatibility

- Compatible to residential low battery voltage inverter, and 48V off grid inverter
- Compatible with CAN / RS485 communication interface.

Product Topology



Model	LFP4805	LFP4810
Performance		
Battery voltage range	5.12KWH	10.24KWH
Nominal Voltage	51.2V	51.2V
Number of Battery Moudles	1	1
Depth of discharge(DOD)	80%	80%
Design life	＞10years(25℃/77F)	＞10years(25℃/77F)
Discharge voltage	45V-54V	45V-54V
Charging voltage	52.5V-54V	52.5V-54V
Max. charging current	50A	100A
Max. discharging current	50A	100A
Battery type	lithium-iron phosphate (LiFePO4)	
Scalability	Max. 6 strings in parallel	
Compatible inverters	NK-LB3000P1/3600P1/4000P1/4600P1/5000P1/6000P1	
Communication		
Display	LED indicatior	
Communication	CAN/RS485	
General Specification		
Domension(H*W*D)	750*550*135MM	750*550*135MM
Weight	50KG	100KG
Installation	Wall Mount	
Operating Temperature	-20℃±55℃	
Max. operating altitude	4,000m(Derating above 2,000m)	
Protection degree	IP21, indoor installation	
Relative humidity	5%-95%	
Cooling	Natural cooling	
Noise emission	＜29db	
Certificate	CE, UN38.3	