



51.2V
45KWh
battery

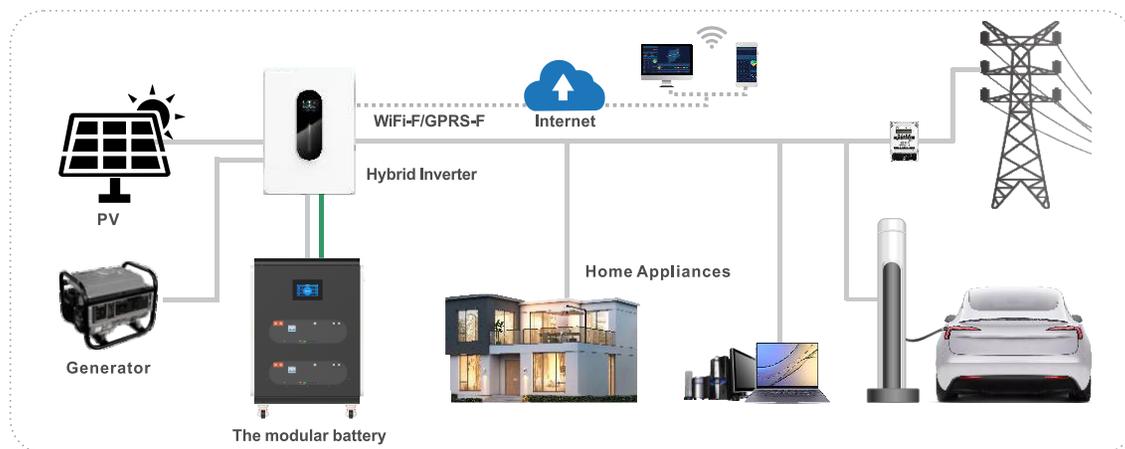


Cabinet Energy Storage Battery

PRODUCT FEATURE

- Can be used in parallel with multiple units, quick plug for easy expansion
- Natural cooling reduces the power consumption of the entire model
- A-grade battery cells are selected, and the service life is up to 10 years
- The modular design is easy to install and easy to maintain
- Lithium Iron Phosphate chemistry eliminates the risk of explosion or combustion due to high impact, overcharging or short circuit.
- The unique vertical standing design, the moving pulley is easy to move
- The touch screen design is more convenient to use
- Large capacity, high circulation, safe and stable

Solar System Connection



Item	Specifications	Remark
Product specifications		
Nominal voltage	51.2V	
Nominal Capacity	280Ah	
Energy	≈45KWh	
Working voltage	43.2~58.4V	
Charge Voltage	58.4V	Maximum
Standard charge current	120A	0.2C
Max charge current	300A	Based on the working current of the BMS
Discharge Cut-off Voltage	43.2V	
Standard discharge current	120A	0.2C
Max discharge current	420A	Based on the working current of the BMS
Cell Model	LF100LA 3.2V/100Ah	
Housing material	Cold rolled steel plate	
Dimensions	827*698*1181±2mm	Excluding hanger and handle
Weight	≈414kg	Excluding installation accessories
Working temperature range	Charge: 0C~45 C	At10%-90%RH
	Discharge: -20 C -60 C	

Note: For the above testing items, the testing conditions should comply with all the contents of the third main item "Testing Conditions". If any of the working conditions of the battery exceed the range of the third main item, there will be a certain deviation in the performance of the battery.

Villa photovoltaic energy storage power supply

