



**51.2V**  
**5000Wh**  
battery

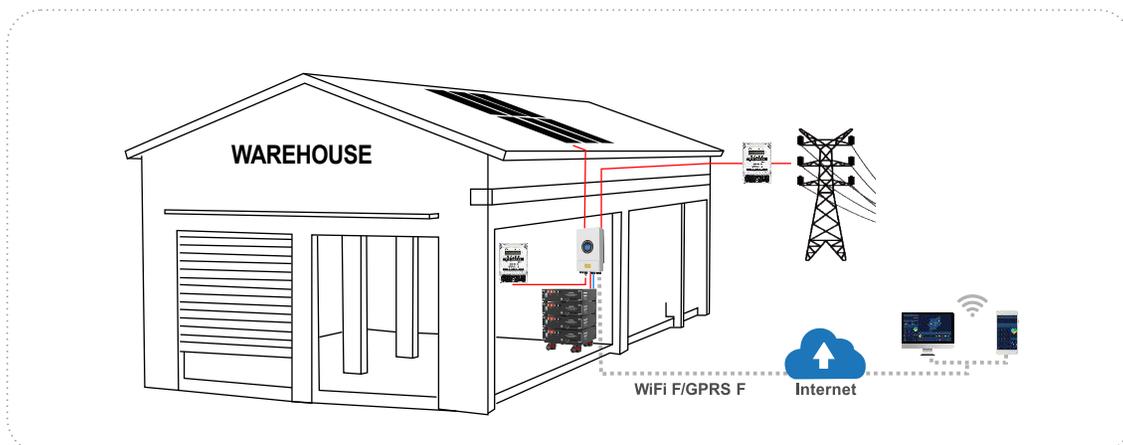


## Rackmounted battery

### 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.
-  Safety handle, made of stainless steel
-  Flexible stacking of individual modules, connector design for easy disassembly and installation
-  Large capacity, high circulation, safe and stable

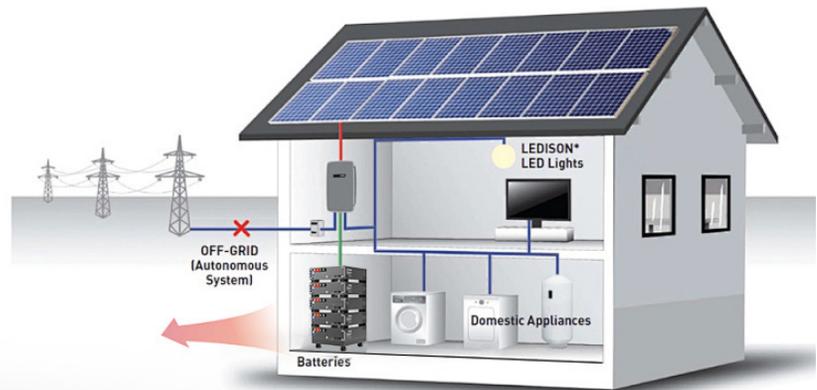
### Solar System Connection



Item	Specifications	Remark
Product specifications		
Nominal voltage	51.2V	
Nominal Capacity	100Ah	
Energy	5.12KWh	
Working voltage	40 ~ 58.4V	
Charge Voltage	58.4V	Maximum
Standrad charge current	20A	0.2C
Max charge current	100A	Based on the working current of the BMS
Discharge Cut-off Voltage	40V	
Standard discharge current	20A	0.2C
Max discharge current	100A	Based on the working current of the BMS
Cell Model	LF100LA 3.2V/100Ah	
Housing material	Cold rolled steel plate	
Dimensions	440*480*133±2mm	Excluding hanger and handle
Weight	≈48kg	Excluding installation accessorie
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.*

## Wide range of application scenarios



**51.2V-5KWH-25KWH**