

LFC Series

LFB Series

LFP Series

LFR Series

OEM Pack

LFP Series

Grid System

ALL-IN-ONE RESIDENTIAL ENERGY SOLUTION

LiFePO₄ Lithium Battery



Flexibly and Easy Installation

wall-mounted or floor-mounted



Easy Management

Real time online monitoring system battery status, intelligent warning



Seamless transition between Off grid or grid connected mode



Safety & Reliability

Nano-coating and self-healing technology construct the LFP channel to add a firewall to the battery



Plug and use



ears

Model	
System Specifications	
Rated Output Power	5000 W
Rated Output Apparent Power	5000 VA
Capacity Range	5.1 kWh (96% DoD) 10kWh (96% DoD)
Battery Chemistry	LFP (LiFePO ₄)
IP Protection	IP21
Warranty	3 Years

Inverter Technical Specifications			
Rated Output Apparent Power (Backup Port)	5200 VA	Max. AC Input Power (Grid Port)	5800 W
Max. PV Input Power	6500 W	Rated Output Current (Grid Port)	22.6 A
Max. PV Input Current	17A	Max. AC Output Current (Grid Port)	22.6 A
Max. PV Input Voltage	450 V	Rated Output Current (Backup Port)	22.6 A
Start-Up Input Voltage	90 V	Max. AC Output Current (Backup Port)	22.6 A
Rated PV Input Voltage	360 V	Max. Inverter Efficiency	>93%
MPPT Voltage Range	150~430 VDC	Conversion time	10ms(UPS、VDE4105) 20ms(APL)
Max. PV Charging Current	80 A	Max.Grid Charging Current	60 A
Rated Voltage	230 V	Max. Discharging Power	5200 W
Rated Frequency	50 / 60 Hz	Grid certification	IEC61727/62116,EN50549-1
Rated Output Apparent Power (Grid Port)	5200 VA	EMC	IEC/EN 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2
Communication	WIFI	Relative Humidity	0 ~ 90% (No Condensation)

Battery Technical Specifications	
Battery Capacity	5.1 2kWh 10 .24kWh
Battery Nominal Voltage	51.2 V
Operating Temperature Range	0 °C ~ 60 °C
Max. Modules in Parallel	6
Max. Charging Current	100A 120A
Max. Discharging Current	120A 120A
Dimensions (W x D x H)	440 x 160x 1020mm 440 x 160x 1360mm
Weight	68kg 111kg

*1 Test conditions: Based on the factory date, charge and discharge rate at 0.2C at 100% discharge depth (DoD) and 25 °C

*2 The weight of the battery module is based on the actual product, with a tolerance of ± 3% allowed

*3 The installation of battery packs is related to product quality assurance, safe and stable operation. Please follow the requirements of the user manual for standardized installation, use, and routine maintenance

