



Rechargeable LFP Battery Low Voltage

LFPR-51B100L-V1 5kWh 10kWh 15kWh 20kWh



Expansion Flexibility

5.12kWh modular design, support battery in parallel



Safe & Reliable

Lithium Iron phosphate(LFP) cell only
BMS built in



Perfect Compatibility

Compatible with both residential single & three phase inverters



Long Lifespan

More than 15 years designed lifespan,
more than 6000 cycles (0.5C, 25°C)



Easy Installation

Rack-mounted installation, easy to grad



Environment Adaptability

Wider temperature range: -20°C~55°C.

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BATTERY MODULE	
Rated Capacity [kWh]	5.12
Rated Voltage (whole system) [V]	51.2
Discharge Voltage Range [V]	43.2-57.6
Charging Voltage [V]	57.6
Maximum Charging Current [A]	50
Maximum Discharging Current [A]	70
Maximum Output Power [kW]	3.584
Life Cycles	≥6000@25°C,0.2C
Battery Type	LiFePO4
DOD [%]	90
Modules Connection	1-8 in parallel
Operating Temperature [°C]	Charge:0~+50/Discharge:-10~+55
Storage Temperature [°C]	-20~+35
Communication Method	RS485/CAN (customisable)
Net Weight [kg]	43.8
Gross Weight [kg]	46.1
Product Dimension (W×H×D) [mm]	520*150*474
Package Dimension (W×H×D) [mm]	600*255*525
Way To Install	Rack Mode
STANDARD	
IEC 62619, EN IEC 61000-6-1, EN IEC 61000-6-2, EN IEC 61000-6-3, EN IEC 61000-6-4	
UN38.3 MSDS	