

# LFPR-51B100L-V1

5kWh/10kWh/15kWh/20kWh

CE CB     UN38.3



## Expansion Flexibility

5.22kWh modular design, support battery in parallel.

## Easy Installation

Rack-mounted installation, easy to grab.

## Perfect Compatibility

Compatible with both residential single & three phase inverters.

## Safe & Reliable

Lithium Iron Phosphate(LFP) cell only. BMS built in.

## Environment Adaptability

Wider temperature range: -10°C-55°C.

## Long Lifespan

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

## Product Parameter

Model	LFPR-51B100L-V1	Modules Connection	1-8 in parallel
Nominal Capacity	5.22kWh	Communication	CAN.RS485
Voltage	51.2V	Cycle Life	≥6000@25°C, 0.5C
Charge Voltage	57.6V	Storage Temperature	-20°C ~ +35°C
Discharge Voltage Range	43.2-57.6V	Working Temp Range	Charge: 0°C ~ +50°C Discharge: -10°C ~ +55°C
Max.Charging Current	50A	Net Weight	43.8kg/96.6lb
Max.Discharging Current	70A	Gross Weight	46.1kg/101.6lb
Battery Type	LiFePO4	Product Dimension(W*H*D)	520*150*474mm
Max.Output Power	3584W	Package Dimension(W*H*D)	600*255*525mm
DOD	90%		

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