## Residential Energy Storage Battery (Rack-mounted)



LR48-50





**Compact Size** 

Minimum the footprint



**Eco-Friendly** 

Clean energy



Long Lifespan

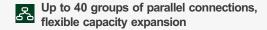
Sustainable long cycles



**Built-in BMS** 

Charge & discharge protection

## **Product Introduction**



LED display for voltage, current, temperature, convenient for users to query



Compatible with mainstream inverters in the market, providing more options



Built-in BMS provides multiple protection functions

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Item	Parameters
Model	LR48-50
Rated Capacity (5HR)	50 Ah
Nominal Voltage	48V
Energy	2.4KWh
Discharge Ending Voltage	40.5 V
Charging Limited Voltage	54 V
Max. Charge/Discharge Current	50 A
Weight	Approx. 27 Kg
Display	With display screen
Protocol	RS485/RS232/CAN
Max number of parallel connections	40
Dimensions (W*D*H) mm (inches)	442 *442 *132
Design life	More than 15 years
Cycle Life	More than 3500 cycles @ 100% DOD
IP Class	IP31
Case Material	SPCC
Operating Temperature	Charging: 0 to +45°C Discharging: -10 to +55°C Storage: -20 to +60°C