Residential Energy Storage Battery (Rack-mounted)



LR51.2-100





Compact Size

Minimum the footprint



Eco-Friendly

Clean energy



Long Lifespan

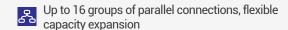
Sustainable long cycles



Built-in BMS

Charge & discharge protetion

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	LR51.2-100
Rated Capacity (5HR)	100 Ah
Nominal Voltage	51.2 V
Discharge Ending Voltage	43.2 V
Charging Limited Voltage	57.6 V
Max. Charging Current	100 A
Max. Continue Discharging Curren	100 A
Weight	Approx. 42 Kg
Display	With display screen
Protocol	CANBUS/ MODBUS
Parallel Connection	Parallel connection is optional (up to 16P)
Dimensions (W*D*H) mm (inches)	442 * 431 * 177
Cell	3.2V 100Ah
Design life	More than 15 years
Cycle Life	More than 3500 cycles at 100% DOD
IP Class	IP31
Outer Package Materia	Black bake lacquer steel case (battery rack or cabinet is optional)
Operating Temperature	Charging: 0 to +50 °C Discharging: -20 to +60 °C Storage: -20 to +60 °C