Residential Energy Storage Battery (Rack-mounted)



LR48-100





Compact Size Minimum the footprint



Eco-Friendly Clean energy



Long Lifespan Sustainable long cycles

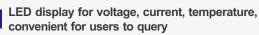


Built-in BMS Charge & discharge protection

Product Introduction



Up to 40 groups of parallel connections, flexible capacity expansion



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Compatible with mainstream inverters in the market, providing more options



Built-in BMS provides multiple protection functions

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Item	Parameters
Model	LR48-100
Rated Capacity (5HR)	100 Ah
Nominal Voltage	48V
Energy	4.8KWh
Discharge Ending Voltage	40.5 V
Charging Limited Voltage	54 V
Max. Charge/Discharge Current	100 A
Weight	Approx. 40.7 Kg
Display	With display screen
Protocol	RS485/RS232/CAN
Max number of parallel connections	40
Dimensions (W*D*H) mm (inches)	442 *431 *177
Design life	More than 15 years
Cycle Life	More than 6000 cycles @ 80% DOD
IP Class	IP30
Case Material	SPCC
Operating Temperature	Charging: 0 to +45 $^\circ \rm C$ Discharging: -10 to +55 $^\circ \rm C$ Storage: -20 to +60 $^\circ \rm C$