

# Residential Energy Storage Battery (Wall-mounted)



KBLW511000 M8



\*Illustrative image



**High Efficiency**

Max. efficiency 95%



**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



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

friendly tech



Item	Parameters
Specifications and models	<b>KBLW511000 M8</b>
Nominal voltage	51.2V
Nominal capacity	100Ah
Maximum continuous charge/ discharge current	100A/100A
Discharge voltage/Maximum charge	43.2 V/58.4 V
Weight	50kg
Dimensions(W×D×H)(mm)	450x500x140
Cycle life	5000 cycles @ 80% DOD
Max number of parallel connections	40
Self-discharge (month)@25°C	≤3%
BMS communication types	RS485/RS232/CAN
Cooling Mode	Free Cooling
IP Class	IP54
Display Fuction	LCD Display
Design Life	15 Years
Storage Temperature	-20°C to 60°C
Operate Temperature	charge: 0°C to 45°C; discharge: -10°C to 55°C
Relative Humidity	5% to 95%
Working Pressure	61kPa~113kPa

