Residential Energy Storage Battery (Wall-mounted)

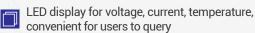


LW51.2-100



Product Introduction





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Compatible with mainstream inverters in the market, providing more options

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Built-in BMS provides multiple protection functions

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Item	Parameters
Specifications and models	LW-51.2-100
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
$Dimensions(W{\times}D{\times}H) \ (mm)$	450x500x140
Cycle life	5000 cycles at 80% DOD
Number of parallel connections supported"	16
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
Testing and Certification	CE UN38.3 UL IEC
Storage Temperature	0°C to 40°C
Operate Temperature	charge: 0°C to 45°C; discharge: -10°C to 55°C
Relative Humidity	5% to 95%
Working Pressure	61kPa~113kPa