



Residential Energy Storage Battery (Wall-mounted)

RZE-51100LI-WL

100Ah | 5120Wh



High Efficiency
Max. efficiency 95%



Long Lifespan
Sustainable long cycles



5-Year Warranty
6000+ cycles @80% DOD



Eco-Friendly
Clean energy



Built-in BMS
Charge & discharge protection

Product Introduction



Up to 15 groups of parallel connections, flexible capacity expansion



SOC display shows the remaining power, and the abnormal alarm light flashes.



Compatible with mainstream inverters in the market, providing more options



Built-in BMS provides multiple protection functions



Item	Parameters
Specifications and models	RZE-51100LI-WL
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(L×W×D)(mm)	590x420x150
Cycle life	6000 cycles @ 80% DOD
Max number of parallel connections	15
Self-discharge (month)@25°C	≤3%
BMS communication types	RS485/CAN
Cooling Mode	Free Cooling
IP Class	IP21
Display Fuction	SOC 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
Compatible Inverters	PYLON, Sacolar, Deye, Growatt, Sofar, Voltronic, LUX, Schneider, Afore, Sinexcel, SUNGROW, Sorotec, GoodWe, KSTAR, Srne, Must, Megarevo, Sol-Ark, INVT, Aiswei, TBB, SAKO, Solis, SMA, Victron, SMK, BlueSun

