

Home Energy Storage (Wall-mounted)



KEY STRENGTHS



High Efficiency
Max. efficiency 95%



Eco-Friendly
Clean energy



Long Lifespan
Sustainable long cycles



Built-in BMS
charge & discharge protection

Product Introduction



Up to 16 groups of parallel connections, flexible capacity expansion



Compatible with mainstream inverters in the market, providing more options



LED display for voltage, current, temperature, convenient for users to query



Built-in BMS provides multiple protection functions

Item	Parameters			
Specifications and models	ZHW-4850	ZHW-48100	ZHW-48150	ZHW-48200
Nominal voltage	51.2v			
Nominal capacity	50Ah	100Ah	150Ah	200Ah
"Maximum continuous charge/ discharge current"	25/50A	100A/100A	100A/100A	100A/100A
Discharge voltage/Maximum charge	43.2 V/58.4 V	43.2 V/58.4 V	43.2 V/58.4 V	43.2 V/58.4 V
Weight	30kg	43kg	65kg	90kg
Dimensions(W×D×H) (mm)	450*450*130	450*500*140	400*600*200	500*620*245
Cycle life	5000 cycles @ 25°C 80% DOD			
"Number of parallel connections supported"	15			
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	10 Years			
Certification	CE UN38.3 UL IEC TUV			
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			