

Renergy LOW 5.15 kWh Battery



Capacity 5.12/10.24KWH
Wall Mounted
LFP technology
efficiency up to 98%



Standard Wall-mounted
Quick Installation
Longer Lifetime ≥ 6000 cycles/
10 years design life
Compatible with RESS inverters



Overvoltage protection
Overcurrent protection
Temperature protection
Short-circuit protection

Technical specifications

No	Item	General Parameter	Remark
1	Combination method	16S1P	
2	Rated Capacity	Typical 100Ah	Standard discharge after Standard charge
		Minimum 97Ah	
3	Factory Voltage	51V-53V	
4	Voltage at end of Discharge	≤43.2V	Discharge Cut-off Voltage
5	Charging Voltage	56V	
6	Internal Impedance	≤50mΩ	Under 20±5°C Environment Temperature , the Usage Frequency of Fully Charge(1KHz) , Use AC Internal Impedance test machine to test 20±5°C
7	Max Charging Current(Icm)	95A	Ampere-meter ,Maximum allowable charging current of the battery pack
8	Limited Charging Voltage(Ucl)	58.4V	Volta-meter (Serial*3.6V) ,Battery pack safe charging voltage
9	Max Discharging current	95A	Maximum discharge current allowed by the battery pack
10	Discharge Cut-off voltage(Udo)	43.2V	Voltage of the battery when the discharge is stopped
11	Operation Temperature Range	Charge:0~55°C/Discharge: -20~55°C	
12	Storage Temperature Range	Recommend (25±3°C) ; ≤70%RH storage moisture range.	
13	Single module Size/weight	580*390*180mm /48.6Kg±1Kg	