



Introduction

Hicorenergy liquid cooling battery cabinet integrates battery modules with a full configuration capacity of 230kWh. And can be widely used in various application scenarios such as generation and transmission grid, distribution grid, new energy plants.

Features

Flexible

- All-in-one design and highly integrated
- Modular design with different optional parts.

Compatible

- Grid-tied and Off-grid
- 208/400/480Vac 3P4W
- Optional PV input
- Optional backup module

Easy-to-Install

- IP54 rated
- Parallel installation back-to-back

Compliance

- Global grid certified & listed
- Compliance with global safety standards.

Technical Specifications

Mode	SI STATION 230
System Specificatoin	
Battery Chemistry	LFP (LiFePO4)
Nominal Output Power	100KW
Battery Capacity	230kWh
Battery Nominal Voltage	832V
Operating DC Voltage Range	728V-936V (3P4W)
Recommended. Charging/ Discharging Current	140 ^[1]
Fire Fighting System	Sensor tube, with the agent of NOVEC 1230 or FM200 or water
Cycle life	4500 ^[2]
DOD	100%
Warranty	3 Year Product Warranty, 10 Year Battery Warranty
Communication	
Communication port	CAN, RS485, Ethernet
Communication protocol	ModbusRTU/TCP
Mechanical	
Dimensions(W*D*H)	960*1440*2400mm
Weight	3000kg
Cooling System	Liquid cooling
IP protection	IP54
Environmental	
Reactive Humidty	0-95% (no condensing)
Operating Temperature Range	Charge:0~55°C; Discharge:-20~55°C
Altitude	2000m (>2000 derating)
Regulations	
Certification	CELL:UN38.3, IEC62619/UL1973/UL9540A/GBT36276, RoSH PCS: GB/T34120-2017, GB/T34133-2017 Module UN Transportation Test Standard:UN38.3
^[1] Charge and discharge current derating will occur between -20°C and 0°C ^[2] Under test conditions(25 ± 3°C,0.5P,EOL80%)	

Dimensions

