Industrial and commercial liquid-cooled energy storage systems

maximum power.minimum downtime

- school
- farm/villages
- factory
- commercial buildings
- solar panels
- utility grid



- Cost-saving investment
- Efficient and flexible
- Secure and reliable
- Smart and User-Friendly

Specifications

Product Model	HYIC001D832314
Nominal capacity	261kWh
Battery cell specifications	3.2V/314Ah
Cell configuration	1P52S*5
Number of Cells in Series/Parallel per Cluster	1P260S(5 Pack)
Battery cell type	LFP
Battery voltage range	728V~949V
Nominal voltage	832V
Battery cabinet size(W*H*D)	1400*1000*2165.5mm
Battery cabinet weight	3000kg
Protection grade	IP65
Rated current	157A
Charge-discharge mode	0.5P/0.5P
Matching inverter	125kW
Backup power supply	≥93%@AC
Communication method	Ethernet/RS485/CAN
Communication protocol	Modbus TCP / Modbus RTU / CAN 2.0
Output voltage	380V@AC
Design reference criteria	GB/T 36276-2023
Auxiliary backup power supply	Online(Backup power supply 0.5h)
Operating temperature range	-20°C ~50°C
Operating humidity range	≤95%(Non-condensing)
Altitude	＜2000m(2000m~4000m derated operation)
Air conditioning	5kW
Air conditioning management	Cooling+Heating
Color	RAL 9003
Vibration	Zone 4
Noise	≤75 dB@1m
Fire protection	Perfluorohexanone + Pack-level integrated automatic fire extinguishing system + manual fire extinguishing system for fire water injection ports Combustible gas, temperature and smoke detection system
Emergency stop on the spot	Possessing