04 Liquid-cooling Energy Storage Cabinet Solutions

Product Features and Advantages

High Security

Battery circuit safety management, fast fuse protection.
A multi-level battery protection system ensuring impeccable safety.
Intelligent anti-leakage detection,enhancing system safety.

Long Lifespan

Intelligent liquid cooling ensures higher efficiency and longer battery cycle life.
Modular design with parallel support for easy system expansion.

High Integration

Highly integrated, easy to transport and operation and maintenance.
Fully pre-assembled, eliminating the need for on-site battery module installation.
On-site installation within 8 hours.

Intelligent

Real-time status monitoring and fault recording to achieve fault warning and fault location.
Built-in battery performance monitoring and recording function.



| Product Specification

Model	SE215L-100K	SE233L-125K	SE241L-125K	SE261L-125K
		AC Side		
AC Rated Power	100kW	125kW	125kW	125kW
Allowable Grid Voltage Range		400V (-15%~10%)		
Allowable Grid Frequency Range		50/60Hz±2.5Hz		
Rated Current	145A	180A	180A	180A
Max. PCS Efficiency		98%		
Way of Connection		3P+N+PE		
		Battery Side		
Cell Specification	LFP 3.2V/280Ah	LFP 3.2V/280Ah	LFP 3.2V/314Ah	LFP 3.2V/314Ah
Battery RACK Configuration	1P240S	1P260S	1P240S	1P260S
System Capacity	215kWh @ 25℃, 0.5P	233kWh @ 25℃, 0.5P	241kWh @ 25℃, 0.5P	261kWh @ 25℃, 0.5P
Voltage Range	648~864V	702~936V	648~864V	702~936V
		System Parameter		
Charge/discharge Ratio		≤0.5P		
Display		Touch screen display (optional)		
Dimension(W*D*H)		1000*1350*2391mm(Incl. lifting lug) 1000*1350*2300mm(Excl. liftinglug)		
Weight	2400kg	2600kg	2450kg	2650kg
Noise		<75dB		
IP rating		IP54 (Pack: IP67)		
System Efficiency		>88%		
Cooling method		Liquid cooling		
Environmental Temperature		-30~55 ℃		
Humidity		≤95%		
Maximum working altitude		2000m		
Fire safety configuration		Aerosol		
Communication Interface		Ethernet/CAN/RS485		
Communication Protocol		MODBUS-TCP		
Compliant with standards		GB/T 34120, GB/T 36276, IEC62477, IEC62619, IEC63056		
Cycle Life		8000		

This product sheet is as comprehensive and detailed as possible based on existing information.
The company reserves the right to modify data, parameters and other information.