

# 04 | Liquid-cooling Energy Storage Cabinet Solutions

## • Product Features and Advantages

Providing products as OEM/ODM

### • 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.



Model	SE372L-186K	SE418L-215K
	<b>AC Side</b>	
AC Rated Power	186kW	215kW
Allowable Grid Voltage Range	400V (-15%~10%)	
Allowable Grid Frequency Range	50/60Hz±2.5Hz	
Rated Current	268A	310A
Max. PCS Efficiency	98%	
Way of Connection	3P+PE	
	<b>Battery Side</b>	
Cell Specification	LFP 3.2V/280Ah	LFP 3.2V/314Ah
Battery RACK Configuration	1P416S	1P416S
System Capacity	372.736kWh @ 25°C, 0.5P	417.996kWh @ 25°C, 0.5P
Voltage Range	1123.2~1497.6V	
	<b>System Parameter</b>	
Charge/discharge Ratio	≤0.5P	
Display	Touch screen display (optional)	
Dimension(W*D*H)	1400*1400*2400mm	
Weight	3600kg	3700kg
Noise	<75dB	
IP rating	IP54 (Pack: IP67)	
System Efficiency	>88%	
Cooling method	Liquid cooling	
Environmental Temperature	-30~55 °C	
Humidity	≤95%	
Maximum working altitude	2000m	
Fire safety configuration	Aerosol	
Communication Interface	Ethernet/CAN/RS485	
Communication Protocol	MODBUS-RTU	
Compliant with standards	GB/T 34120, GB/T 36276, IEC62477, IEC62619, IEC63056	
Cycle Life	8000	



**CE UN38.3**

IEC61000 IEC62477  
IEC62619 IEC63056

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.