SolarEast

Liquid-cooling Energy Storage Cabinet Solutions

418kWh
Storage capacity

314Ah
Cell Capacity

Product Features

- Multi-protection battery system with smart leak-proof design ensures complete safety.
- Intelligent liquid cooling enhances operational efficiency and extends battery cycle life.
- Real-time status monitoring and fault logging enable predictive diagnostics and precise fault localization.

Product Application

Providing products as OEM/ODM

Product parameters table

Model	SE418L
Battery Side	
Cell Specification	LFP 3.2V/314Ah
Battery RACK Configuration	1P416S
System Capacity	417.996kWh @ 25°C,0.5P
Voltage Range	1123.2~1497.6V/1331.2
Cycle Life	8000Cycles(0.5P.25+2°C.@70%SOH)
System Parameter	
Display	Touch screen display (optional)
Dimension(W*D*H)	1300x1350x2500mm
Weight	3600kg
Noise	<75dB
IP rating	IP54(Pack:IP67)
System Efficiency	≥94%
Environmental Temperature	-20~55°C
Humidity	≤95%
Cooling method	Liquid cooling
Fire safety configuration	Aerosol
Communication Interface	Ethernet/CAN/RS485
Maximum working altitude	2000m
Compliant with standards	GB/T 34120,GB/T 36276,IEC62477,IEC62619

This manual is compiled based on current technical data and strives for accuracy and completeness. We reserve the right to modify product parameters, performance data and other information without prior notice. Product appearance is subject to the actual delivered item.

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