

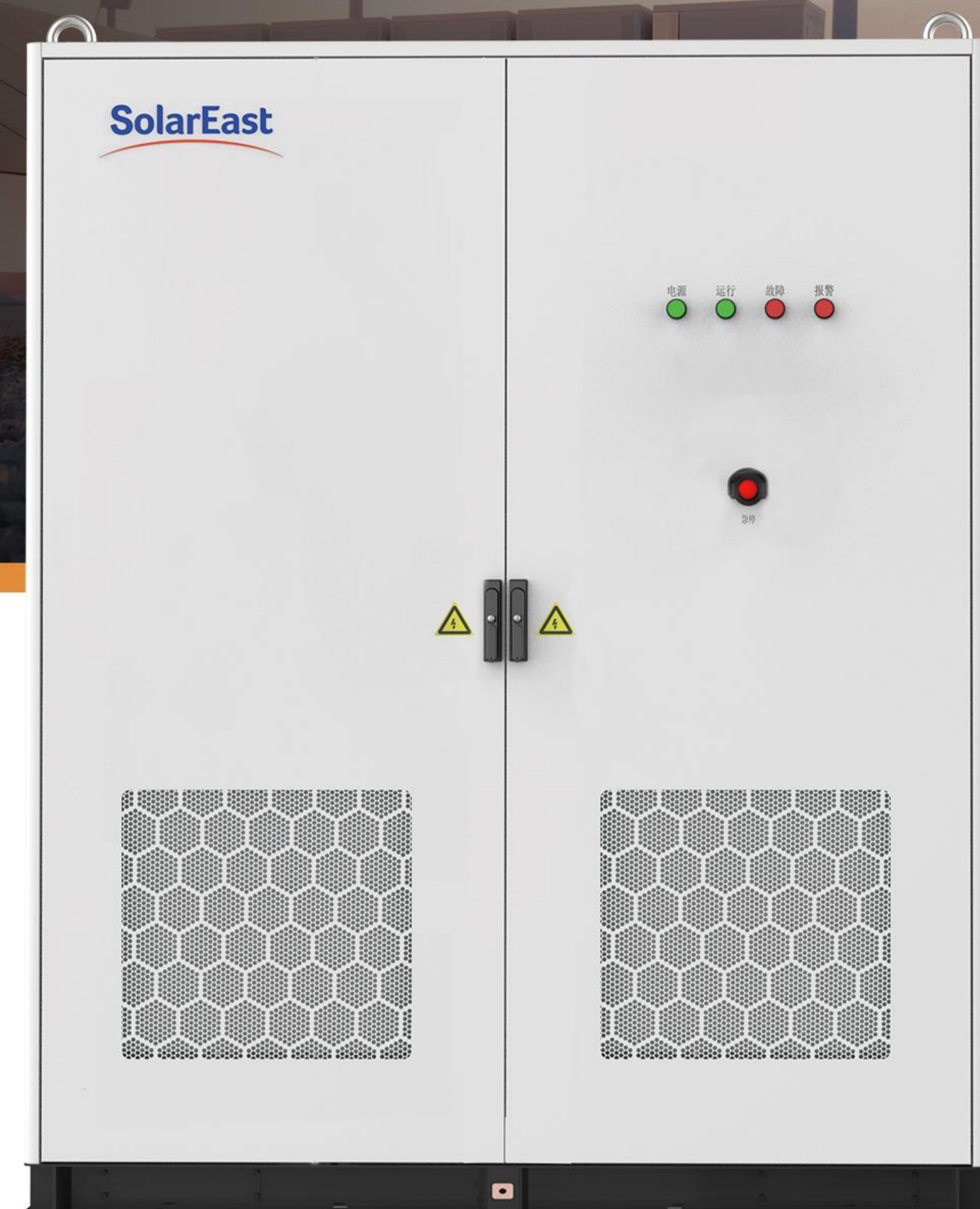
Liquid-cooling Energy Storage Cabinet Solutions

522kWh

Storage capacity

314Ah

Cell Capacity



Product Features

High Security

Multi-protection battery system with smartleak-proof design ensures complete safety.

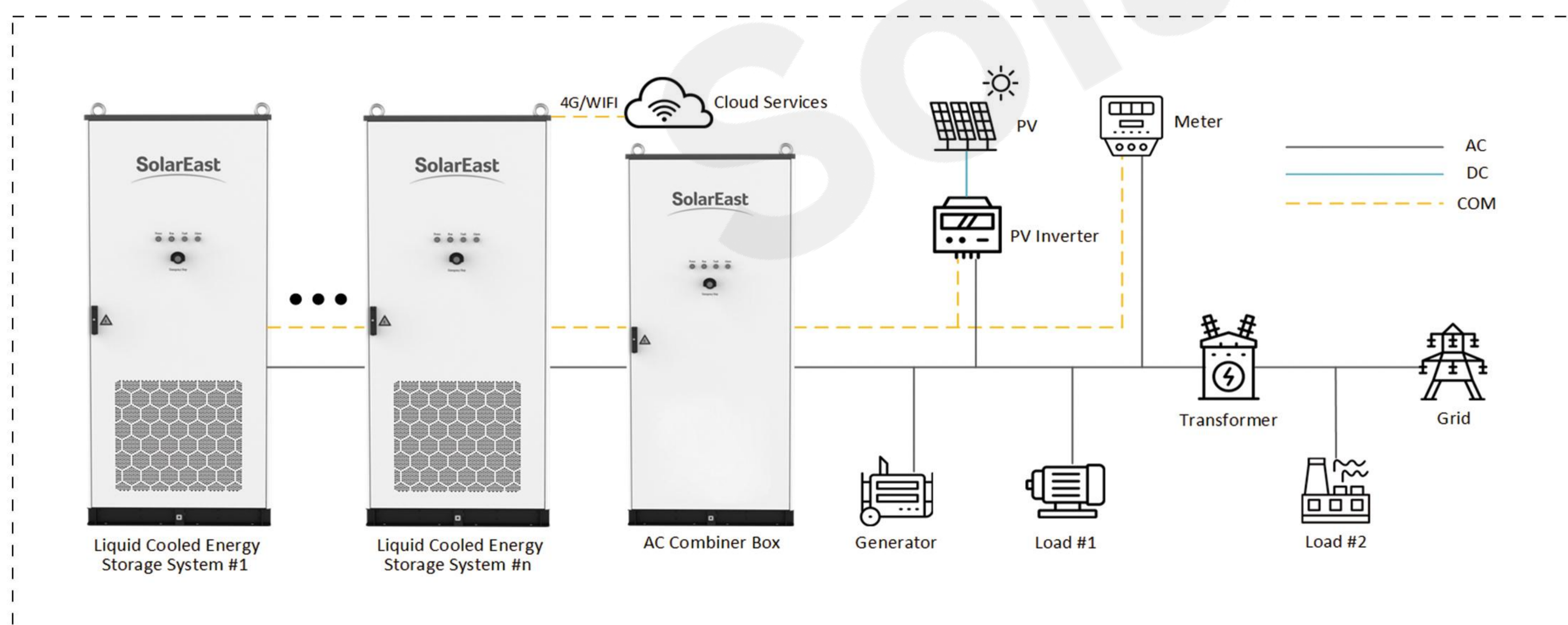
Extended Lifespan

Intelligent liquid cooling enhances operational efficiency and extends battery cycle life.

Real-time Monitoring

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	SE522L-250K
AC Coupling	
Rated Output Power	250kW
Overload Capacity	1.1x Continuous, 1.2x For 1 minute
Rated Voltage	400V(-15%~15%)/3P+N+PE
Rated Output Current	360A
Power Factor	-1~+1
Grid Frequency Range	50Hz/60Hz±2.5Hz
Total Harmonic Distortion[THDI]	≤3%
AC Off - Grid Operatvon	
AC Voltage Range	400V/380V±3%
AC Off - Grid Frequency	50Hz/60Hz
Off - Grid Output THDU	<3% With Linear Load
Unbalanced Load Capability	100%
Battery Side	
Cell Specification	LFP 3.2V/314Ah
Battery RACK Configuration	2P260S
System Capacity	522.496kWh @ 25°C, 0.5P
Voltage Range/Nominal Voltage	702-936V/832V
Cycle Life	8000Cycles(0.5P,25±2°C,@70%SOH)
System Parameter	
Dimension(W*D*H)	1900*1350*2300mm
Weight	5340kg
Noise	<75dB
IP rating	IP54(Pack:IP67)
System Efficiency	≥88%
Environmental Temperature	-30~55°C
Environment Humidity	≤95%RH(non-condensing)
Cooling Method	Liquid Cooling
Fire safety configuration	Aerosol
Communication Interface	Ethernet/CAN/RS485
Maximum working altitude	2000m
Compliant with standards	IEC62933,IEC62477,IEC62619,IEC63056,EC61000,UN38.3

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