

# risen

## iCon 125kW/261kWh C&I Liquid-Cooled ESS

SI261A125LM

### Highly Integrated

All-in-One design,  
covering an area of 1.6m<sup>2</sup>,  
saving 25% space

### Safe and Reliable

Nine-layer safety protection  
Pack-level monitoring,  
ensuring enhanced safety

### Smart O&M

Risen Cloud provides real-time alarm  
and troubleshooting solution



# Technical Specification

<b>System Model</b>	<b>SI261A125LM</b>
<b>System Information</b>	
Rated AC Power	125kW
Rated Capacity	261kWh
<b>Battery Information</b>	
Cell Type	LFP
Cell Capacity	314Ah
Configuration	260S1P
Rated Voltage	832V
Voltage Range	728 ~ 949V
Charge & Discharge Rate	0.5C
Depth of Discharge (DoD)	98%
<b>PCS</b>	
AC Power	125kW
Operation Mode	On-grid & Off-grid
Rated Grid/Islanded Voltage	400Vac
Power Factor	1.0 leading~1.0 lagging
Rated Grid Frequency	50Hz/60Hz
Connection Type	3P4W
<b>Operating Environment</b>	
Protection Degree	IP55
Noise	75dB
Operating Temperature Range	-30°C~55°C (>45°C Derating)
Relative Humidity	0 ~ 95%
Max. Operating Altitude	3000m (>2000m Derating)
Anti-Corrosion Degree	C4(C5 Optional)
<b>Specifications</b>	
Dimensions(WxHxD)	1050x2450x1520mm
Weight	2.6t
Cooling Type	Liquid-cooled Battery PACK& Air-cooled PCS
Fire Alarm System	Smoke Detector、Temperature Detector、Audible and Visual Alarm、Combustible Gas Detector
Fire Suppression Measures	Aerosol + Water + PACK-level Fire Protection (Optional)
Communication Protocol	CAN/RS485
Certifications	IEC 62619, IEC 63056, IEC 61000, IEC 62477, IEC 62040, UL9540A

**SYL(Ningbo)Battery Co.,Ltd.**