

# risen

## iCon 100kW/215kWh C&I Liquid-Cooled ESS

SU215E100LM

### Highly Integrated

All-in-One design,  
covering an area of 1.4m<sup>2</sup>,  
saving 25% space

### Safe and Reliable

Nine-layer safety protection  
and certifications spanning Cell,  
Pack, Cluster and System

### Smart O&M

Risen Cloud provides real-time alarm  
and troubleshooting solution



# Technical Specification

<b>System Model</b>	<b>SU215E100LM</b>
<b>System Information</b>	
Rated AC Power	100kW
Rated Capacity	215kWh
<b>Battery Information</b>	
Cell Type	LFP
Cell Capacity	280Ah
Configuration	240S1P
Rated Voltage	768V
Voltage Range	672~864V
Charge & Discharge Rate	0.5C
Depth of Discharge (DoD)	98%
<b>PCS</b>	
AC Power	100kW
Operation Mode	On-grid or Off-grid
Rated Grid/Islanded Voltage	400Vac
Power Factor	1.0 leading~1.0 lagging
Rated Grid Frequency	50Hz
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
<b>Specifications</b>	
Dimensions(W*H*D)	1050*2500*1350mm
Weight	2.5t
Battery Cooling Type	Intelligent Liquid Cooling
PCS Cooling Type	Forced Air Cooling
Fire Suppression System	Aerosol+Water
Communication Protocol	CAN/RS485
Certifications	IEC62619, IEC63056, IEC61000, IEC62477, IEC62933-5-2, UL9540A, UN38.3

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