

risen

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

SU261E125LM

Highly Integrated

All-in-One design,
covering an area of 1.6m²,
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

| | |
|-----------------------------|---|
| System Model | SU261E125LM |
| System Information | |
| Rated AC Power | 125kW |
| Rated Capacity | 261kWh |
| Battery Information | |
| 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% |
| PCS | |
| 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 |
| Connection Type | 3P4L |
| Operating Environment | |
| 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 | C3(C5 Optional) |
| Specifications | |
| Dimensions(WxHxD) | 1050x2450x1520mm |
| Weight | 2.6t |
| Cooling Type | Intelligent Liquid Cooling |
| Fire Suppression System | Aerosol+Water |
| Communication Protocol | CAN/RS485 |
| Certifications | IEC 62619, IEC 63056, IEC 61000, IEC 62477, UN 38.3, IEC 62040, UL9540A, CEC list |

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