



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

SU215E100LM

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		SU215E100LM
System Information		
Nominal Power		100kW
Nameplate Capacity		215kWh
Battery Information		
Battery Chemistry		LFP
Capacity		280Ah
Configuration		240S1P
Nominal Voltage		768V
Voltage Range		672~864V
Charge and Discharge Rate		0.5C
Depth of Discharge		98%
PCS Information		
Nominal Power		100kVA
Operating Mode		Support Grid-Connected & Off-Grid Operation
Nominal Grid / Islanding Voltage		400Vac
Power Factor		-1 to 1
Nominal Grid Frequency		50Hz
Connection Method		3P4L
Working Conditions		
Degree of Protection		IP55
Noise Emission		75dB
Operating Temperature Range		-25°C~50°C
Relative Humidity		0~95% (Non-Condensing)
Max.Working Altitude		3000m
System Information		
Dimensions(WxHxD)		1050x2500x1350mm
Weight		2500kg
Cooling		Intelligent Liquid Cooling
Pcs Cooling		Forced Air Cooling
Fire Suppression System		Aerosol+Water
Communication Protocol		CAN / 485
Certification		IEC