



eTron 5MWh Liquid-Cooled ESS

SU5016E2500KC



Enhanced Safety

BMS, PCS, and Golden Shield Controller integrate seamlessly, with a five-level protection system ensuring full safety.



Reliable Performance

Battery testing and liquid cooling ensure stable, high-performance operation.



Efficient Maintenance

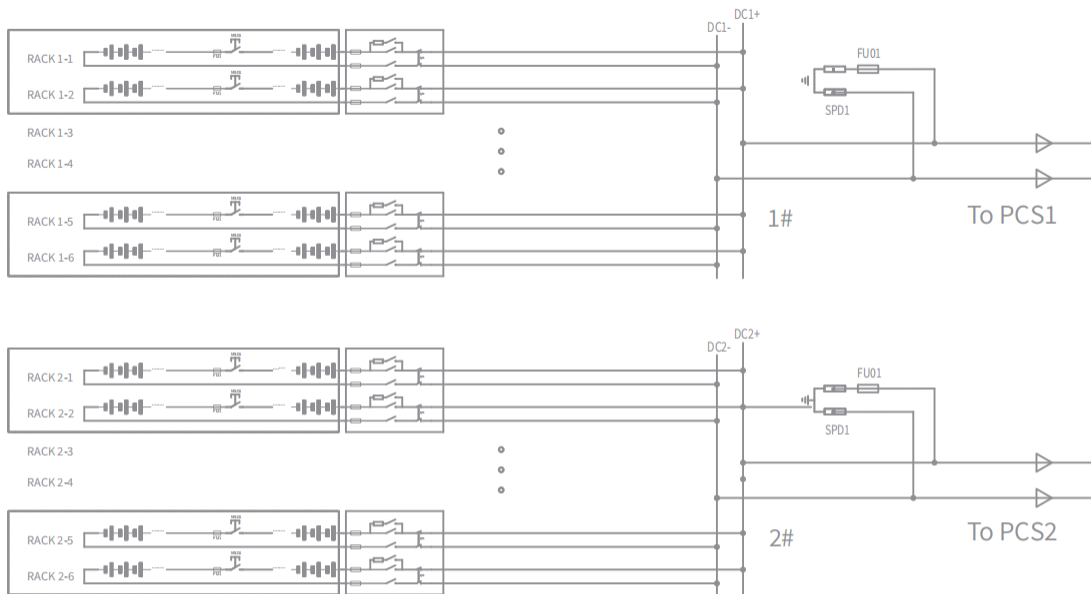
Integrated testing and remote monitoring streamline commissioning and maintenance.



Technical Specification

System Model	SU5016E2500KC
System Information	
Nominal AC Power	2500kW
Nameplate Capacity	5015.96kWh
Battery Information	
Battery Chemistry	LFP
Capacity	314Ah
Configuration	416S12P
Nominal Voltage	1331.2V
Voltage Range	1164.8~1497.6V
Working Conditions	
Degree of Protection	IP55
Noise Emission	≤80dB@1m
Operating Temperature Range	-30°C~55°C(>50°C derating)
Relative Humidity	0~95%RH
Max. Working Altitude	4000m
General Information	
Dimensions(WxHxD)	6058x2896x2438mm
Weight	40.3±0.5t
Cooling Method	Intelligent Liquid Cooling
Fire Suppression System	Drypipe, Gas detection and Ventilation, AEROSOL
Aux. Power Supply	AC400V/3P4L
Communication Protocol	Modbus TCP/IP
Certificate	IEC 62477-1, IEC 62619, IEC63056, IEC 60730, IEC 61000-6-2&IEC61000-6-4, IEC62933(Pending)

Circuit Diagram



Risen Storage