

eTron 5MWh Liquid-Cooled ESS

SU5016U2500KC Series



Enhanced Safety

BMS, PCS and EMS integrated seamlessly, with five-layer protection architecture ensuring full safety



Reliable Performance

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



Efficient Maintenance

Advanced Integration, Modular Design, Plug-and-Play Deployment Philosophy

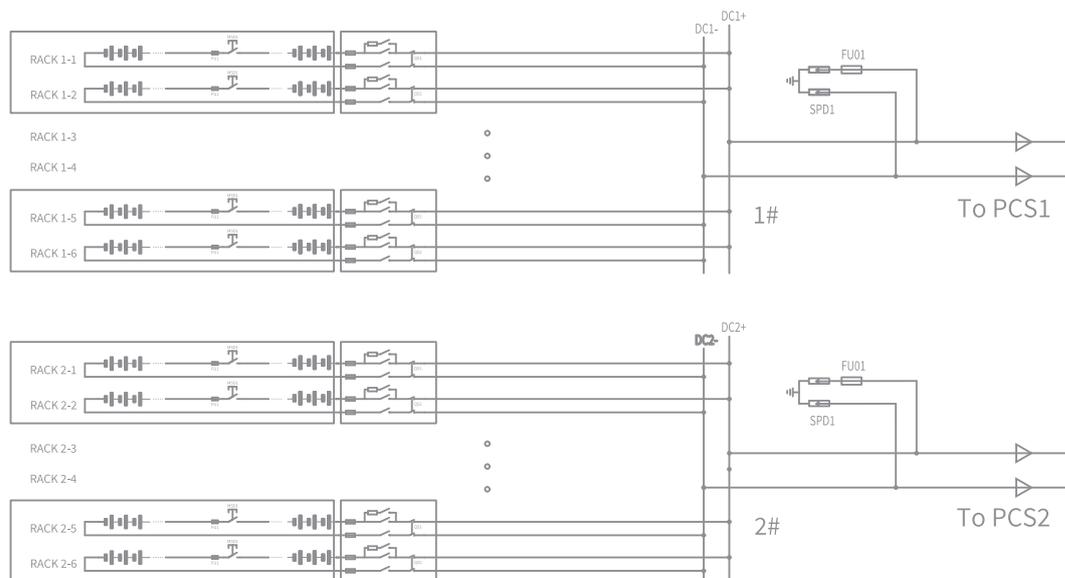


Technical Specification

System Model	SU5016U2500KC Series*
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	1123.2~1497.6V
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(W*H*D)	6058*2896*2438mm
Weight	40.3±0.5t
Cooling Method	Intelligent liquid-cooled
Fire Suppression System	Dry Pipe, Gas Detection and Ventilation, Aerosol, Alarm System
Aux. Power Supply	AC480V/3P3L 60Hz
Communication Protocol	Modbus TCP/IP
Certificate	UL9540,UL9540A,UL1973,UN38.3

*Note: SU5016U2500KC-L and its mirrored version SU5016U2500KC-R.

Single Line Diagram



SYL(Ningbo)Battery Co.,Ltd.