

Utility-Scale Liquid Cooling Solution



SU5016E2500KC

System Controller



Short Circuit Protection



Rack Level Lockable Disconnect



Water-based suppression System



Intrusion Detect System



Fire Detection and Suppression



HIGHLIGHT

- Low Capex
- Low Field Labor Cost
- Minimized Site Installation
- Flexible Deployment According to The Site Layout

Technical Specification

Item	Specification
System Model	SU5016E2500KC
System Information	
Nameplate Capacity	5015.96kWh
Compatible Inverters	2500kW
Battery Information	
Battery Chemistry	LFP
Capacity	314Ah
Configuration	12P416S
Nominal Voltage	1331.2V
Voltage Range	1164.8~1497.6V
Working Conditions	
Degree of Protection	IP54
Noise Emission	≤80dB@1m
Operating Temperature Range	-30~50°C
Relative Humidity	0~95%RH (No Condensing)
Max. Working Altitude	3000m
General Information	
Dimensions(W×H×D)	6058×2896×2438mm
Weight	42±0.5t
Cooling Method	Liquid Cooling
Fire Suppression System	Water / Gas detector / Exhaust / Aerosol / (optional)
Aux. Power Supply	AC400V / 3P4L
Communication Protocol	Modbus TCP/IP
Certificate	IEC61000, IEC60730, GB/T 42288, UN3536, IEC62619, UL1973, UL9540A, UL9540