

Utility-Scale Liquid Cooling Solution



SU3441E1725K/SU3441E3440K

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	SU3441E1725K	SU3441E3440K
System Information		
Max. Power	1725kW	3440kW
Nameplate Capacity	3440.64kWh	3440.64kWh
Compatible Inverters	PE: FP2865k SMA: SCS2630UP-XT	PE: FP3820k2 SMA: SCS3450UP
Battery Information		
Battery Chemistry	LFP	
Capacity	280Ah	
Configuration	384S10P	
Nominal Voltage	1228.8V	
Voltage Range	1075.2~1382.4V	
Working Conditions		
Degree of Protection	NEMA 3R / IP54	
Noise Emission	≤80dB @1M	
Operating Temperature Range	-30℃~50℃	
Relative Humidity	0~95% (No condensing)	
Max. Working Altitude	9,800ft/3,000m	
General Information		
Dimensions(W×H×D)	6,058×2,438×2,896mm	
Weight	36,000kg	
Cooling Method	Liquid Cooling	
Fire Suppression System	Drypipe, Ventilation, Aerosol (Optional)	
Aux. Power Supply	400VAC/3P4L,50Hz	
Max.Current of Aux. Power Supply	72A	90A
Communication Protocol	Modbus TCP/IP	
Certificate	IEC62619, UL1973, UL9540A, UN3536	