

Utility-Scale Liquid Cooling Solution



SU836U418KM

Local Controller



Short Circuit Protection



Rack Level Lockable Disconnect



Water-based suppression System



Intrusion Detect System



Fire Detection and Suppression



HIGHLIGHT

- Higher energy density, smaller footprint.
- Adaptability to extreme environments.
- Support multiple parallel cabinets, flexible layout.
- Top-grade firefighting system, compatible with NFPA 68/69.
- Conform to the height limit of 20ft container, easy to transport.
- Flexible and configurable solutions, support 2 - 4hour discharge scenarios.

Technical Specification

Item	Specification
System Model	SU836E418KM

System Information

Nominal AC Power	836kWh
Nameplate Capacity	418kW

Battery Information

Battery Chemistry	LFP
Capacity	314Ah
Configuration	416S2P
Nominal Voltage	1331.2V
Voltage Range	1164.8~1497.6V

Working Conditions

Degree of Protection	IP55
Noise Emission	≤72dB@1m
Operating Temperature Range	-30°C~55°C
Relative Humidity	0~95% RH
Max. Working Altitude	4000m

System Information

Dimensions (W×H×D)	2000×2470×1720mm
Weight	≤8t
Cooling	Intelligent liquid Cooling
Aux.Power Supply	AC400V/3P4L 50Hz
Fire Suppression System	Dry pipe / Gas detection and Ventilation / Aerosol, Alarm System Clean Agent Suppression (Optional)
Certificate	IEC62368-1, IEC-62619, IEC63056, IEC60730, IEC62933(pending)