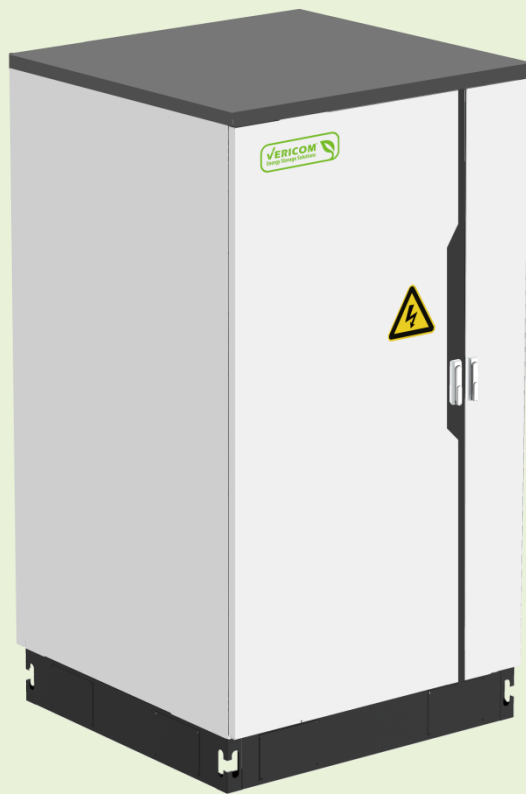






## Liquid Cooling Energy Storage Cabinet



### Features

-  **SAFE AND RELIABLE**
  - Approved industry certification of Cell pass test by UL/TUV/IEC
  - Multi-level design for fire control
  - Built-in early warning detection system
  - IP 54 rating for cabinet
  - IP 67 rating for battery pack
-  **ENHANCED MONITORING CONTROL**
  - Integrated performance control for local and remote monitoring.
  - Data logging for component level status monitoring.
  - Realtime system operation analysis on terminal screen.
-  **EFFICIENT AND DURABLE**
  - Industry leading LFP cell technology up to 10,000 cycles with high thermal stability
  - Liquid cooling capable for better efficiency and extended battery life cycle
  - Higher energy density, smaller cell temperature difference
-  **SMART AND SCALABLE**
  - Modular design supports ease of installation, expansion, and maintenance
  - ESS self-diagnosis and healing function
  - Supports remote maintenance and upgrades

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Battery Parameters	
Battery Cell Type	LFP 3.2V / 280Ah
Configuration	1P384S
Nominal Capacity	3.44MWh
Voltage Range	1075.2 ~ 1382.4V
BMS Communication Interface	Ethernet
BMS Communication Protocol	Modbus TCP
Battery Life Expectation	10 years warranty (80% battery capacity retention guarantee)
Basic Parameters	
Cabinet Dimension	1650x2500x1200mm
Cabinet Weight	1800kg
Enclosure IP level	IP54
Battery Pack IP Level	IP67
Operating Temperature	-30°C to 50°C
Relative Humidity	0 - 95% (non-condensing)
Max. Altitude (Above Sea Level)	5000m
Cooling Mode	Liquid Cooling
Fire Suppression System	Aerosol
Communication Interface	Ethernet
Communication Protocol	Modbus TCP
Certificates	UL1973/ UL 9540A, IEC 61000-6-2 / 61000-6-3, FCC Part 15 Class A/CE/TUV

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