





## Liquid Cooling Energy Storage Cabinet



### Features

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|  <b>SAFE AND RELIABLE</b> <ul style="list-style-type: none"><li>■ Approved industry certification of Cell pass test by UL/TUV/IEC</li><li>■ Multi-level design for fire control</li><li>■ Built-in early warning detection system</li><li>■ IP 54 rating for cabinet</li><li>■ IP 67 rating for battery pack</li></ul> |  <b>EFFICIENT AND DURABLE</b> <ul style="list-style-type: none"><li>■ Industry leading LFP cell technology up to 10,000 cycles with high thermal stability</li><li>■ Liquid cooling capable for better efficiency and extended battery life cycle</li><li>■ Higher energy density, smaller cell temperature difference</li></ul> |
|  <b>ENHANCED MONITORING CONTROL</b> <ul style="list-style-type: none"><li>■ Integrated performance control for local and remote monitoring.</li><li>■ Data logging for component level status monitoring.</li><li>■ Realtime system operation analysis on terminal screen.</li></ul>                                   |  <b>SMART AND SCALABLE</b> <ul style="list-style-type: none"><li>■ Modular design supports ease of installation, expansion, and maintenance</li><li>■ ESS self-diagnosis and healing function</li><li>■ Supports remote maintenance and upgrades</li></ul>   |

TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Battery Parameters	
Battery Cell Type	3.2V / 302Ah
Configuration	1P384S
Nominal Capacity	371KWh
Voltage Range	1075.2 ~ 1382.4V
BMS Communication Interface	Ethernet
BMS Communication Protocol	Modbus TCP
Basic Parameters	
Cabinet Dimension	1450x2100x1700mm
Cabinet Weight	3700kg
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)	2000m
Cooling Mode	HVAC and Liquid Cooling
Fire Suppression System	Aerosol
Communication Interface	RS485, Ethernet, CAN
Communication Protocol	Modbus TCP, Modbus RTU, CAN2.0
Certificates	UL1973, UL9540A, UL9540, IEC62619, IEC61000, IEC63056, UN38.3, MSDS, ROHS

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