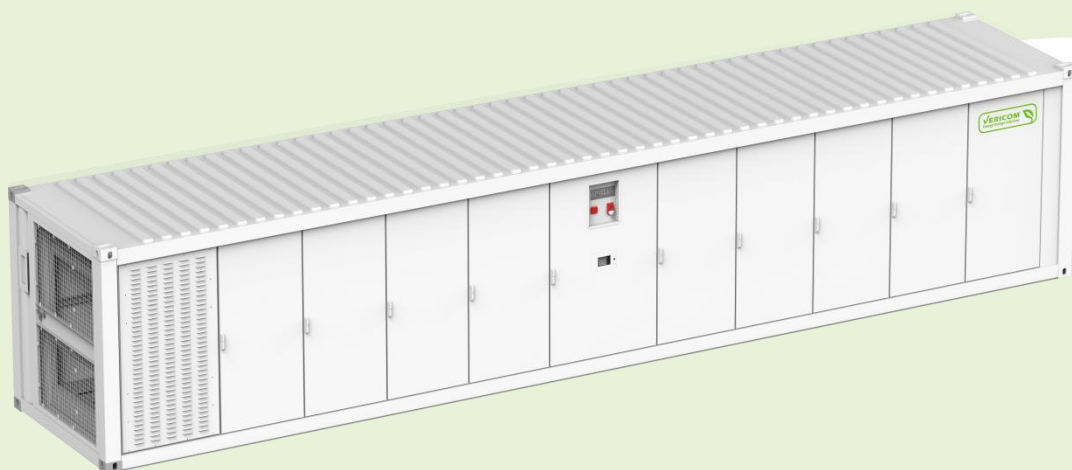






Liquid Cooling Containerized Energy Storage



Features

- | | |
|---|--|
| <p> SAFE AND RELIABLE</p> <ul style="list-style-type: none">■ 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 enclosure■ IP 67 rating for battery pack <p> ENHANCED MONITORING CONTROL</p> <ul style="list-style-type: none">■ Integrated performance control for local and remote monitoring.■ Data logging for component level status monitoring.■ Realtime system operation analysis on terminal screen. | <p> EFFICIENT AND DURABLE</p> <ul style="list-style-type: none">■ 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. <p> SMART AND SCALABLE</p> <ul style="list-style-type: none">■ Modular design supports ease of installation, expansion, and maintenance■ ESS self-diagnosis and healing function■ Supports remote maintenance and upgrades |
|---|--|

TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Battery Parameters	
Battery Cell Type	LFP 3.2V / 302Ah
Configuration	9P384S
Nominal Capacity	3340KWh
Voltage Range	1075.2 ~ 1382.4Vdc
BMS Communication Interface	Ethernet
BMS Communication Protocol	Modbus TCP
Basic Parameters	
Container Dimension	11534×2380×2140mm
Container Weight	38T
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, combustible gas detection & exhaust, water fire-fighting system (optional)
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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