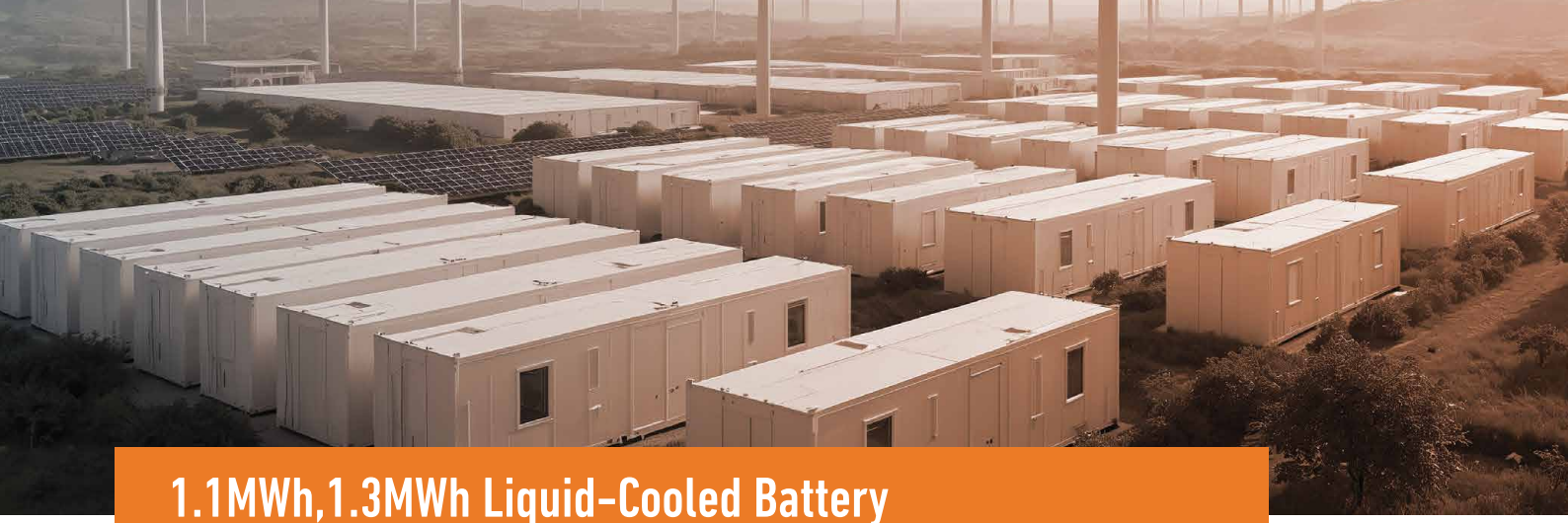

1.1MWh,1.3MWh Liquid-Cooled Battery Energy Storage System Containers

PRODUCT FEATURES

High Safety Performancel

- Real-time precise monitoring of each battery cell's voltage and temperature.
- Efficient liquid-cooled circulation design for rapid heat dissipation and balanced temperature distribution among cells.

Intelligent and Efficient

- Compact, integrated design for space-saving deployment.
- Equipped with intelligent EMS system which supports multiple control strategy including remote upgrade & adjustment strategy.
- Smart charging/discharging strategies for optimal peak-valley arbitrage.

Flexible & Convenient

- Modular design with pre-integration for fast installation and commissioning.
- Supports power/capacity expansion with multiple configuration options.
- The cloud platform supports 7×24 monitoring, fault alarm, and data storage.

Rapid Response

- Rapid switching between on-grid and off-grid modes within 20 milliseconds as an option.

1.1MWh,1.3MWh Liquid-Cooled Battery Energy Storage System Containers

PRODUCT SPECIFICATIONS

Product Specifications	GF-1165/625L	GF-1306/625L
Battery Cell	LFP	LFP
Battery Cell Type	280AhP	314Ah
Group Mode	5*1P260S	
Rated Charge/Discharge Ratio	0.5P	
Rated Capacity	1165kWh	1306kWh
Rated DC Voltage	832V	
DC Voltage Range	650~949V	
Rated AC Power	625kW	
Rated AC Voltage	400Vac±15%	
Rated Grid Frequency	50Hz/60Hz	
Cooling Method	Inteligent Liquid Cooled	
Dimension(w*D'H)	6058*2438*2896mm	
Weight	15000kg	
Degree of Protection	IP54	
Operating Temperature Range	-25~55^{0}C	
Relative Humidity	0%~95%(Non-Condensing)	
Working Altitude	<4000m(>2000m Derating)	
Fire Protection System	Pack-Level Fire+Cabin-level Fire Protection	
Communication	CAN/RS485/Ethernet	
Standards	Pack level UN38.3;IEC62619:2022;EN IEC61000-6-2:2019; EN IEC61000-6- 4:2019;EN 62477-1:2012+A1:2017; EN 62477-1:2012+A12:2021;IEC 63056:2020;	

Optional

Maximum PV Input Powe	300kW
Maximum PV Input voltage	900V
MPPT Voltage Range	300-850V
Number of MPPT	5*1
Maximum Single MPPT Power	60kw
STS Rated Power	800kW
On-grid to O-grid Switching Time	<20ms

GridForge™