

# 05 | Large-scale Energy Storage Container Solutions

## • Product Features and Advantages

Providing products as OEM/ODM

- **High Security**

Election of lithium iron phosphate cells with high thermal stability.  
IP54 protection rating, meeting the needs of outdoor applications.  
C4 protection rating, 20-year reliability.  
Prevention based fire fighting strategy with independent fire fighting system.
- **Long Lifespan**

Integrated efficient liquid cooling system.  
The temperature difference inside the container is <5°C.
- **High Integration**

Modular design, DC 1500V system.  
Electrical and battery separation design, easy maintenance.  
Non-walk-in/modular highly integrated design saves space.  
Prefabricated compartment installation solution reducing on-site installation cost and commissioning time.



Technical Data	3.34MWh	5.015MWh
Battery type	3.2V, 314 Ah	
Max. connection number	1P416S*8	1P416S*12
Total energy	3343.97kWh	5015.96kWh
Rated power (0.5P)	1672kW	2500kW
Voltage range (Battery)	1123.2~1497.6V	
System		
Dimension (W*D*H)	6058mm *2438mm*2896mm	
Weight	≤35T	≤50T
IP rating	IP54 (Pack IP67)	
Operating temperature	-20~50°C	
Humidity	0~95%RH (no condensation)	
Altitude	≤2000m (Standard) /≤5000m(Optional)	
Cooling method	Liquid cooling/50% ethylene glycol	
Fire safety configuration	Aerosol	
Corrosion resistance	C4	
Communication Interface	CAN/Ethernet	
Certificates	GB/T36276 - 2023	
Cycle Life	8000	



CE UN38.3

IEC61000 IEC62477  
IEC62619 IEC63056

This product sheet is as comprehensive and detailed as possible based on existing information.  
The company reserves the right to modify data, parameters and other information.