

5MWh⁺

Liquid Cooling Energy Storage System



5068kWh
High Energy

12000cycles
Long Life Span

4-Layer Protection
High Safety

20ft x 4
Standarization

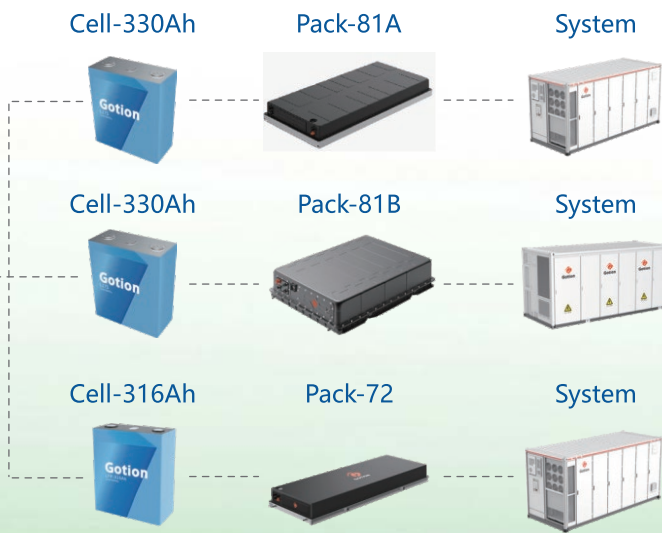
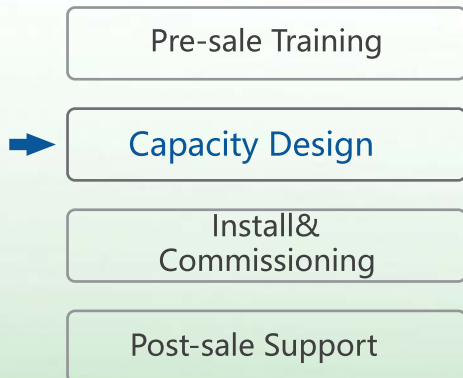
3 °C
Intelligent Temperature Control

56%
Occupied Area Saved



- ✓ High System Energy Density
- ✓ Customization Pack
- ✓ High Space Utilization
- ✓ BMS Integrated Development
- ✓ Low Cost & Less Covering Area

ESS Product Solutio



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Model		5MWh ⁺		
Electrical				
Cell Model	LFP81175200A-330Ah	LFP81175200A-330Ah	LFP81175200A-316Ah	
Pack Configuration	IP44S	IP100S	IP104S	
Nominal Capacity (kWh)	5018	5068	5047	
Voltage Range (Vdc)	990-1445.4	1000-1460	1040-1497.6	
System Specification	1267V	1280V	1331V	
Conditions				
Storage Temperature (°C)	-30~60			
Operating Temperature (°C)	-30~60			
Working Relative Humidity(%)	0~95 (non-condensing)			
Altitude(m)	<3000 (≥3000 derating)			
Parameters				
Ingress protection	IP55			
Thermal Management	Liquid-cooled Temperature Control+Air Conditioning (liquid cooler built-in system)			
Communication Interface	CAN,RS485,Ethernet			
Communication Protocol	Modbus-TCP/IP			
Fire Suppression System	Explosion-proof+Smoke extraction+PACK-rated submerged fire extinguishing +Gas estinguishing system+Water sprinkler system			
Standards&Certification* (Ongoing)	GB/T36276,UL1973,UL9540,UN38.3,UN3536,IEC62477,IEC60370 IED61000,IEC62619,NFPA855 Compliant			
Dimensions(W*D*H)mm	6058*2438*2896 (20ft Container)			
Weight(T)	≤43			

