

5MWh⁺

Liquid cooling Energy Storage System



5068kWh
High Energy

12000cycles
Long Life Span

**4-Layer
Protection**
High Safety

20ft x 4
Standardization

3 °C
Intelligent
Temperature
Control

56%
Occupied Area
Saved

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,IEC61000,IEC62619,NFPA855 Compliant
Dimensions(W*D*H)mm	6058*2438*2896 (20ft Container)
Weight(T)	≤43