

# 3.72MWh(1C)~5.01MWh(0.5C/0.25C) Liquid-Cooling Battery Container BESS



## Scaled Energy Storage

High Power and Large Capacity Integration



## Short Response Time

System response time < 20ms, full power and auxiliary service demand



## Safe and Reliable

LFP battery, multiple protection design, Long cycle life, slow degradation



## User-friendly

Intelligent remote operation and maintenance, visualization platform for real-time monitoring, suitable for full-scene applications



## Customizable

Customized solutions according to customer needs, accurately matching different industrial and commercial energy use scenarios

Model	HC3720L	HC4180L	HC5010L
Battery			
Battery Type	LiFePO4	LiFePO4	LiFePO4
Battery Cell	3.2V/280Ah	3.2V/314Ah	3.2V/314Ah
Battery Pack Configuration	1P52S	1P104S	1P104S
Battery Pack Quantity	8 Packs/Cluster	4 Packs/Cluster	4 Packs/Cluster
Battery Cluster Quantity	10 Clusters	10 Clusters	12 Clusters
Rated Current	140A*10	157A*10	157A*12
Voltage Range	1165~1500V	1165~1500V	1123.2~1497.6V
Rated Capacity	3727.36kWh	4179.96kWh	5015.96kWh
System			
Weight	≤38T	≤37T	≤44T
Dimensions (W/D/H)	6058*2438*2896mm		
Maximum Efficiency	≥87%		
Temperature	-30~45°C	-30~45°C	-30~50°C
Humidity	≤95%RH (Non-Condensation)	≤100%RH (Non-Condensation)	≤100%RH (Non-Condensation)
Protection Level	IP55	IP55	IP54
Anti-corrosion Rating	C4		
Cooling Method	Liquid Cooling		
Noise	≤85dB	≤70dB	≤75dB
Altitude	≤2000m	≤2000m	≤4000m
Display	HMI		
Fire Protection	Dry pipes with sprinklers, Aerosol (Optional)		
Communication	Ethernet		
Certification	UN38.3, UN3536, IEC 61000-6-2&-4, IEC 62477, IEC 62619&63056	IEC 62619, IEC 63056, IEC 62933 etc.	UL 1973, UL 9540A, UL 9540, UN 38.3, compliant to NFPA 855, NEC 2023, NFPA 70E, etc.
Charge/Discharge Rate	1CP	0.5CP	0.5CP/0.25CP
Depth Of Discharge	90%		
Cycle Life	≥6000 Cycles (80% SOH @ Standard)		