

C&I ESS Container Solution

1MW/1.72MWh~1MW/2.03MWh

All-in-one Liquid-Cooling Battery Container BESS



#### Scaled Energy Storage

High Power and Large Capacity Integration



#### 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	HC1720L		HC2000L	
AC (On-grid)				
Rated Power	1MW			
Rated Voltage	400V			
Maximum Current	1588A			
Wiring Method	3P4L+PE			
Frequency	50Hz/60Hz			
Power Factor	1 (Leading)~1 (Lagging)			
THDi	≤3% (Rated Power)			
AC (Off-grid)				
Rated Power	1MW			
Rated Voltage	400V			
Maximum Current	1588A			
Wiring Method	3P4L+PE			
Frequency	50Hz/60Hz			
THDu	≤2% (Linear Load)			
Battery				
Battery Type	LiFePO4			
Battery Cell	3.2V/280Ah		3.2V/306Ah	
Battery Pack Configuration	1P48S		1P52S	
Battery Pack Quantity	5 Packs/Cluster			
Battery Cluster Quantity	8 Clusters			
Rated Current	140A*8		153A*8	
Voltage Range	648~864V		702~936V	
Rated Capacity	1720.32kWh		2036.736kWh	
System				
Weight	22.5T		≤30T	
Dimensions (W/D/H)	6058*2438*2896mm		6608*2600*2896mm	
Maximum Efficiency	≥87%			
Liquid Cooling Power	45kW (Cooling), 9kW (Heating)		45kW (Cooling), 16kW (Heating)	
Temperature	-30~55℃ (De-rating over 45℃)			
Humidity	5%~95%RH (Non-Condensation)			
Protection Level	IP54			
Anti-corrosion Rating	C4			
Cooling Method	Liquid Cooling			
Noise	≤75dB			
Altitude	≤2000m			
Display	HMI			
Fire Protection	FM-200			
Communication	Ethernet			
Certification	CE, UN38.3			
Charge / Discharge Rate	0.5CP			
Depth Of Discharge	90%			
Cycle Life	≥6000 Cycles (80% SOH @ Standard)			