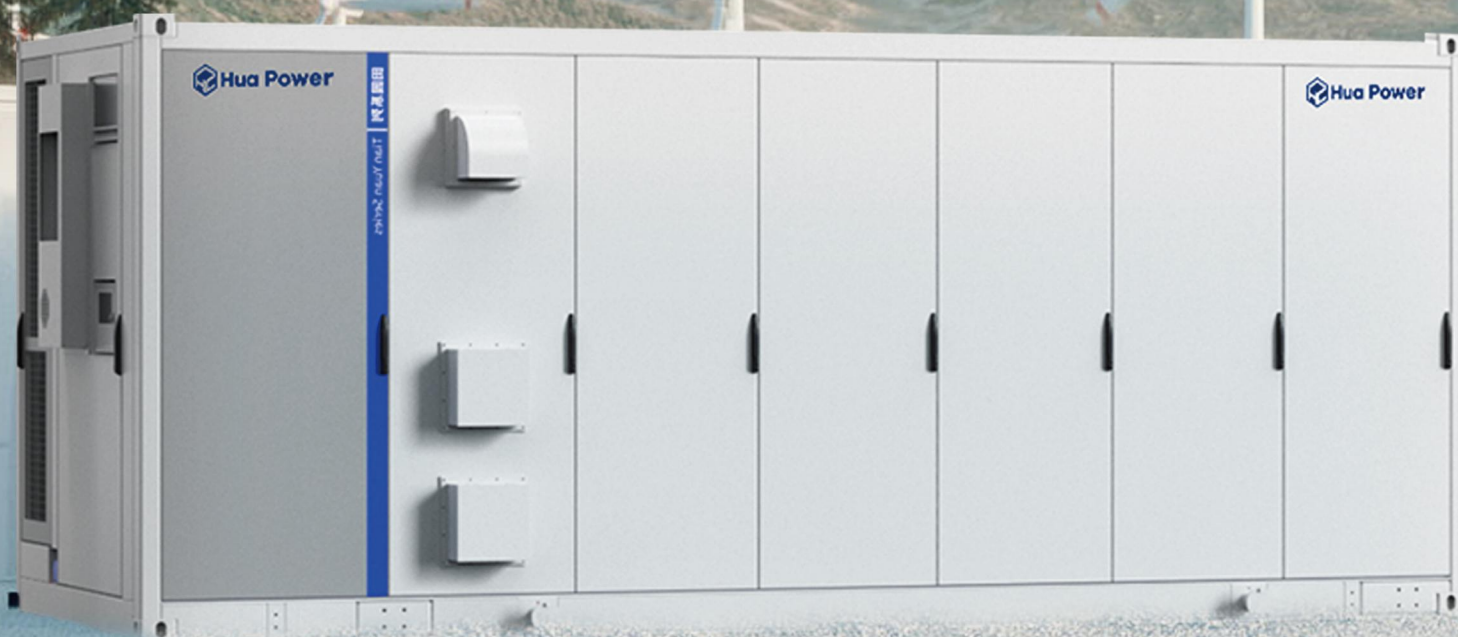


C&I ESS Container Solution

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℃		-30~45℃	-30~50℃
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)			