

HEMERA

Containerized Liquid Cooling Battery System

HBAT-5015/4180/3762/3344-15 (5015/4180/3762/3344kWh)



- **Turnkey Battery Energy Storage System**

String PCS Skid +Battery Container+ EMS 1MW/2MWh ~ 5MW/10MWh(Customized)



Comprehensive Safety

- Highly stable LFP battery cells
- Multi-level fire protection and explosion-proof design
- Intelligent monitoring, second-level response



Stable Operation

- Liquid cooling, cell temperature difference < 3°C
- Cluster-level management, eliminating the barrel effect
- Wide voltage adaptation, weak grid support



Ultimate Energy Efficiency

- High energy density, reduced footprint
- DC efficiency ≥ 94%
- AI strategy for maximizing revenue



Easy Deployment

- Flexible configuration, adaptable to multiple scenarios
- Plug and play, deployment cycle shortened by 40%
- Cloud-based O&M, efficiency improved by 50%

Model	HBAT-5015-15	HBAT-4180-15	HBAT-3762-15	HBAT-3344-15
Container Specs		20ft		
Cell Capacity		314Ah		
Module Model		LFP314-1P104S		
Number of Modules	48 (12 clusters×4)	40 (10 clusters×4)	36(9 clusters×4)	32(8 clusters×4)
Configuration	12P416S	10P416S	9P416S	8P416S
Cooling Method		Liquid Cooling		
Coolant		50 % Water / 50 % Glycol		
Operating Altitude		≤3000m		
Humidity		≤95%RH, non-condensing		
Communication		Ethernet&CAN		
Rated Voltage		1,331.2 V		
Operating Voltage		1164.8 -1497.6 V		
Rated Capacity	5.015MWh	4.180MWh	3.762MWh	3.344MWh
Delivery SOC		27 % (25 ±2°C)		
Charge/Discharge Rate		0.5 C		
Charge/Discharge Current	157x12A	157x10A	157x9A	157x8A
Charging Temperature		0~60°C		
Discharging Temperature		-30~60°C		
Storage Temperature		-20~35°C (Recommended)		
Energy Efficiency		≥ 94 %		
Protection Rating		System IP55 (Pack IP66)		
Corrosion Resistance		C4 (C5 optional)		
Fire Protection Design		Aerosol (Overseas version)		
Dimensions(W*D*H)		6058(W) *2438(D)* 2896 (H) mm (Overseas version)		
Weight	42T	36T	33T	30T

