

# 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

