



Luminary - 5000

0.5C Liquid-cooling Energy Storage System

Features:



10000+ Cycles

- Long-life component selection
- Best-in-class cells



Safety and Reliability

- All-in-one fire protection solution
- Variable-frequency liquid-cooling system with a PACK temperature gradient $<3^{\circ}\text{C}$ and overall system gradient $<5^{\circ}\text{C}$.



340 kWh/m²

- Highest energy density



10+ Configurations

- Flexible Capacity
- Multiple PCS options
- Support 400VAC ~ 110kVAC



Model	QA-LYHV-P2500E5000
DC	
Cell Capacity	314Ah
Configuration	12P416S
Nominal Energy (MWh)	5.015MWh
Nominal Charge/Discharge Rate	0.5P/0.5P
DC output number	1/2/12
BMS Balancing Strategy	Active Balancing/Passive Balancing
Range of Working Voltage (V)	1164.8~1497.6V
Nominal Voltage (V)	1331.2V
General	
Range of Working Temperature (°C)	-30°C ~ 55°C
Operating Humidity	0% - 100%
Thermal Management	Liquid Cooling + Liquid Heating
System Communication	RS485/CAN/Ethernet
IP Protection	IP55
Dimension (L*W*H mm)	6058*2438*2896
Container Layout	side-by-side and back-to-back layout supported
Weight (T)	≤42.5T