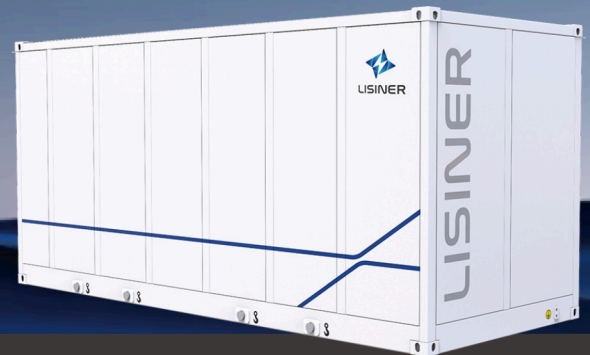


ENERGY STORAGE SYSTEM

- MV & HV SERIES

TRITON-C5016



Generator · Grid · Mobile Energy Storage · Industrial Park · Grid Edge/Island · Data Center

Flexible & Adaptable



- Compatible with centralized/string-type, and coupled PCS systems
- High anti-corrosion grades & IP55 protection
- Compatible with mainstream standardized protocols

Easier Deployment



- Pre-commissioned for shortening deployment time
- Intelligent O&M to reduce OPEX
- Compatible with local service for customization

Efficient Performance



- Pack $\Delta T \leq 3^{\circ}\text{C}$ and system $\Delta T \leq 5^{\circ}\text{C}$, ensuring high consistency
- Supports side-by-side and back-to-back layouts
- Intelligent liquid cooling reduces system loss

Safe & Reliable

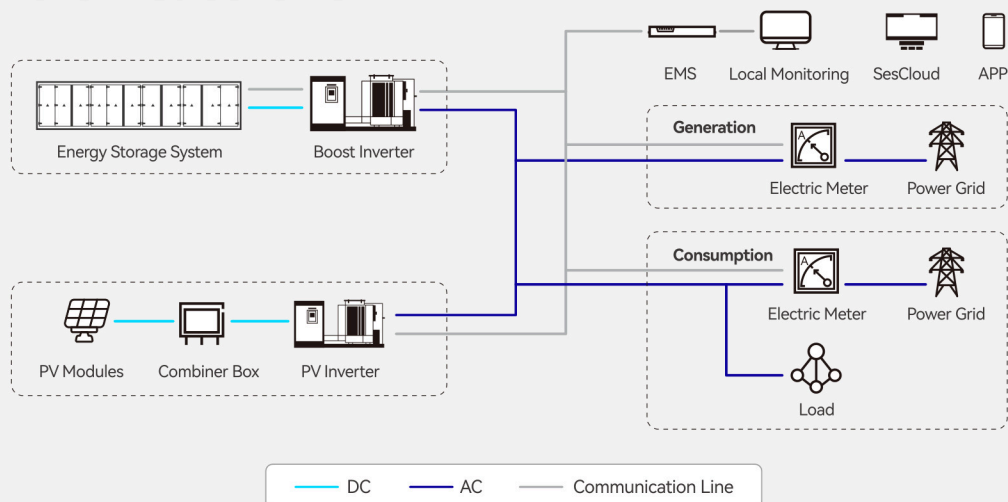


- Certified by multiple international authorities
- Fire protection from cell to system for active safety
- Real-time BMS monitors and diverse local safety strategies

PRODUCT SPECIFICATIONS

Model	TRITON-5016		TRITON-C5016(IEC)
Battery Side			
Nominal Capacity	5015.96kWh		
Cell Type	LFP3.2V/314Ah		
Configuration	1P416S*12		
Charge/discharge Rate	0.5P		
DC Voltage	1331.2V		
Voltage Range	1164.8V~1497.6V		
System Side			
Dimension(W*D*H)	6058x2438x2896mm		
Weight	≤42t		
Corrosion Protection Grade	C4-M (C5-M optional)		
Protection (IP) Rating	IP55		
Noise Level	≤80dB±5@1m		
Operating Temperature Range	-20℃~55℃ (>45℃ derating)		
Operating Humidity Range	0~95% (no condensation)		
Maximum Operating Altitude	≤2000m		
Thermal Management Method	Intelligent Liquid Cooling		
Fire Suppresion System	PACK-level Detection、PERFLUORO、 Container-level Detection、Water Sprinkler	PACK-level Detection、AEROSOL、 Container-level Detection、Water Sprinkler	
Communication Interface	Ethernet		
Communication Protocol	IEC 61850, CAN 2.0B, Modbus TCP, IEC 104		
Certificates	GB/T 36276-2023, GB/T 44240-2024	IEC 62933-5-2, IEC 62619, IEC 63056, IEC 61000-2/-4, IEC 60730-1, IEC 62477, IEC 60529, UL 9540A, UN 38.3	
Warrenty	5 years		

ENERGY STORAGE SOLUTION



ZHEJIANG JIANGXI JIANGSU · CHINA

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ABOUT LISINER