LISINER®

ENERGY STORAGE SYSTEM

- MV & HV SERIES

TRITON-C5015

String PCS Compatible



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 timee
- Intelligent O&M to reduce OPEX
- Compatible with local service for customization

Efficient Performance

- Pack ΔT ≤ 3°C and system ΔT ≤ 5°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

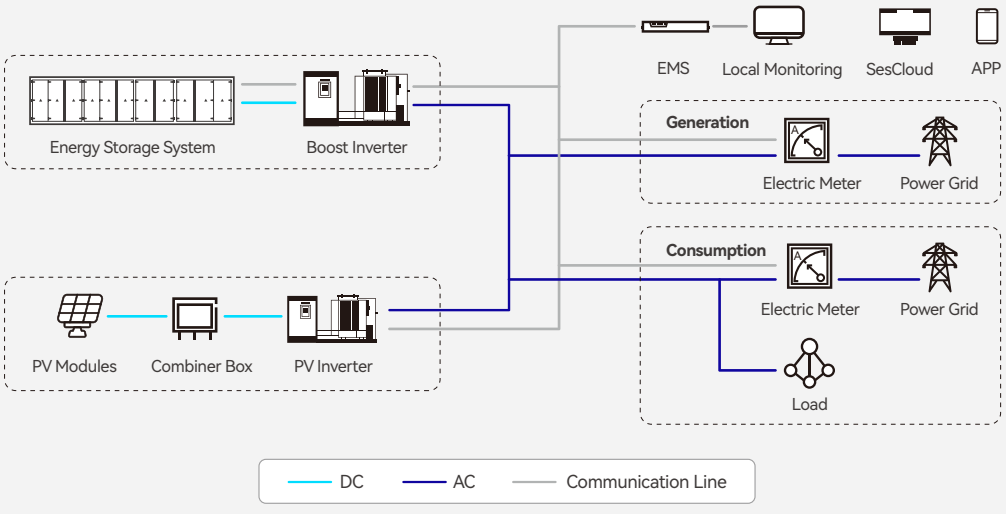
info@yoening.com / www.lisiner.com

PRODUCT SPECIFICATIONS



Model	TRITON-C5015(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	-30℃~55℃ (>45℃ derating)
Operating Humidity Range	0~95% (no condensation)
Maximum Operating Altitude	3000m (≥2000m derating)
Thermal Management Method	Intelligent Liquid Cooling
Fire Suppresion System	PACK-level Detection, AEROSOL, Container-level Detection, Water Sprinkler
Communication Interface	Ethernet
Communication Protocol	IEC 61850, CAN 2.0B, Modbus TCP, IEC 104
Certificates	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



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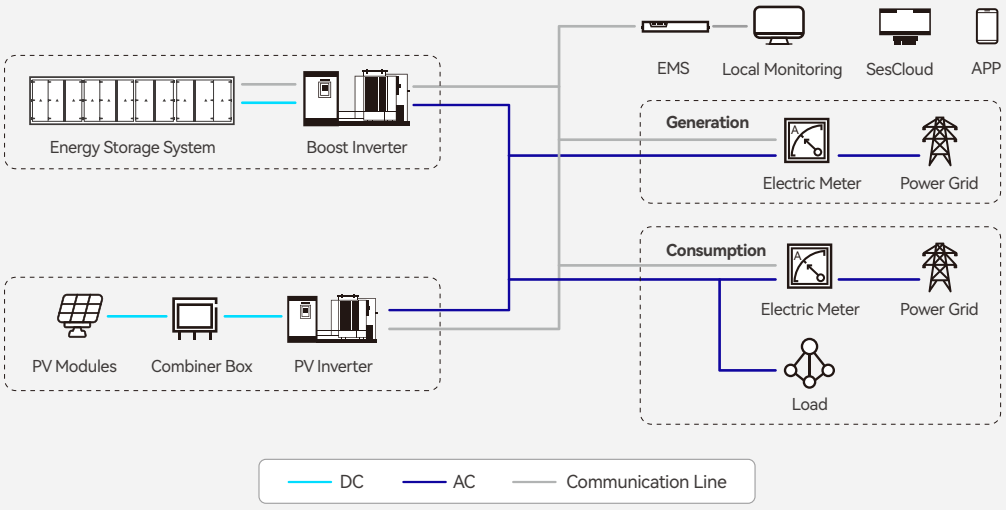
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