三一储能产品介绍

SANY ENERGY STORAGE PRODUCTS

Energy Storage Container

High Safety
- System-level thermal-electric separation design
- Directed thermal runaway emission
- Early-stage thermal runaway pre-warning
- Multi-active customizable fire protection for PACK & battery compartment

High Efficiency
- Intelligent auxiliary power consumption management and control
- Inter-cluster SOC balancing technology
- Cell consistency control technology

Long Service Life
- Uses long-life battery cells
- Cell-level precise temperature control

Sales Model	ESX3344	ESX5016
Cell Capacity/Type	3.2V/314Ah(LiFePO4)	3.2V/314Ah(LiFePO4)
Series-Parallel Configuration	8P416S	12P416S
Rated Voltage	DC1331.2V	DC1331.2V
Rated Capacity	3344kWh	5016kWh
Rated Charge/Discharge Rate	≤ 0.5P	
Container Dimensions (L*W*H)	L6058*W2438*H2896mm	L6058*W2438*H2896mm
Weight	30T	41T
System Efficiency	≥95%(excluding auxiliary power consumption)	
Operating Temperature Range	-20℃~+50℃	
Fire Safety Configuration	PACK + Compartment Protection + Perfluorohexanone + Early Warning + Water Fire Safety	
Communication	Ethernet	
Product Certifications	GB/T 36276-2023,GB/T 34131-2023,GB 44240-2024,IEC 62619,IEC 63056,IEC 62477,UN3536	

Industrial & Commercial Integrated Cabinet

High Safety
- Integrated fire early warning and control, AC multi-level status monitoring and protection linkage
- Compartment-level fire protection, directional explosion venting, water-based suppression – triple active fire safety

Long Service Life
- Uses long-life battery cells
- Intelligent variable frequency temperature control and BMS dynamic charge/discharge strategy

High Energy Density
- MTR structural design, highly integrated internal PACK, improving energy density
- Bracket-type integrated liquid-cooled prefabricated cluster

Sales Model	ESG261
Cell Capacity/Type	3.2V1314Ah(LiFePO4)
Series-Parallel Configuration	1P260S
DC Side Rated Voltage	832V
Rated Capacity	261 kWh
Rated Charge/Discharge Rate	≤ 0.5P
Rated Output Power	100\125kW
Rated Grid Voltage	AC380V
Equipment Dimensions (W*H*D)	1310*1010*2355(mm)
Weight	2.6T
System Efficiency	≥88%
Operating Temperature Range	-20℃~+50℃
Fire Safety Configuration	Composite Sensor + Perfluorohexanone PACK-level Fire Protection (Aerosol Optional) + Water-based Fire Protection
Product Certifications	GB/T 36276-2023,GB/T34131-2023,GB/T 34120-2023,GB/T 34133-2023,GB 44240-2024, IEC 62619,IEC 62477,UN 38.3