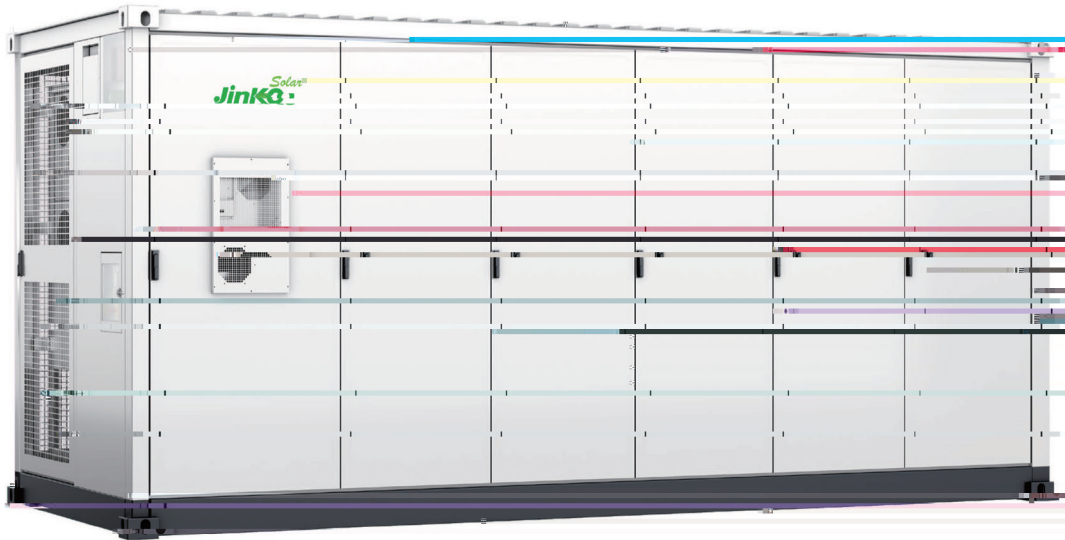


JinkoSolar Delivers 20MWh SunTera Energy Storage System to Baizhang Wind Farm

Safety is the critical consideration of energy storage customers, JinkoSolar adheres to the safety design

JKE-3440K-2H-1AA

Liquid cooling energy storage system



SunTera is JinkoSolar's new generation of liquid cooling energy storage products, which is equipped with 240Ah/512V cells, large and integrated with liquid cooling, low temperature energy storage, and high safety. It is a safe and reliable energy storage product that provides customers with highly efficient energy storage solutions. In the future, JinkoSolar will continue to expand the mission of charging the world with green energy and provide more reliable products and better experience to customers worldwide.



Safe and reliable

- Separated battery and electrical compartment design to effectively avoid thermal runaway
- Multi-level fire warning to realize early warning



Excellent performance

- High-efficiency liquid cooling technology, the temperature difference is only 1°C, which can effectively improve the system life
- Intelligent battery management system to improve the discharge level



Flexible configuration

- Modular design to support 100kW/150kW systems
- Compatible with many tier-1 PCS brands, providing flexible and customized solutions



Cost reduction and efficiency

- Compact design with high power density and standard structure
- Pre-installed design effectively reduces the space and installation costs



ESS in Power Generation

Enhance the storage capacity and controllability of new energy generation, provide stability support to the grid, and



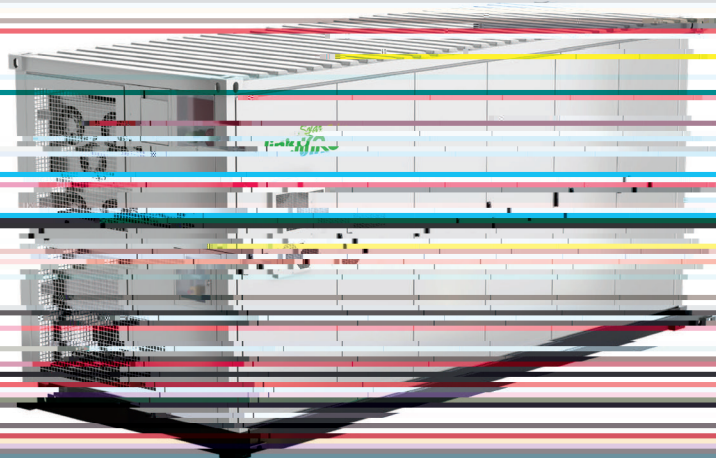
ESS in Grid Side

Participate in grid dispatching to maximize the utilization of renewable energy, regulate power output, stabilize the power system



ESS in User Side

Reducing the fluctuation of power, improving the demand for electricity, reducing the cost of electricity for customers, improving the security of electricity on the customer's side, and thus enhancing the customer's experience of using electricity.



Battery parameters

Type of cell	Lithium Iron Phosphate (LFP)
Cell parameter	3.2V/200Ah
Max. charge/discharge power	100%
Configuration of system	1P32S10P
Rated capacity	3.44 MWh
Rated voltage	1228.8V
Voltage range	1075.2~1293.6V
Cooling method	Liquid Cooling
Operating temperature	-20~50°C
Humidity	10%~90% (no condensation)
Altitude	< 2000m / < 6500ft (optional: 0~5000m)
Noise level	< 60dB(A) @1m
Ingress	IP54
Storage temperature	20~45°C
Corrosion-proof grade	C3 (EN ISO 12944-1, GB 19890.1, GB 19890.2)
Fire protection	Temperature sensor, smoke sensor, combustion extinguishing gas, water sprinkler
External communication interface	RS485, CAN, GPRS, etc.
Dimension (L x W x H)	5050 x 2450 x 2285mm
Weight	≈ 35000 kg