

SUNGIGA

JKS-215KLAA-100PLAA

Liquid cooling outdoor all-in-one cabinet

Jinko 215 KWh liquid cooling all-in-one product integrates packs, BMS, PCS and fire fighting equipments to provide customer with 1000V ESS solution. The system has a battery capacity of 215kWh and the rated power is up to 100 KW. It is characterized by flexible expansion, safety and reliability, intelligent liquid cooling and convenience. The modular design meets the needs of various application scenarios.



Flexible expansion

- All-in-one design with integrated PCS, reducing shipping and installation costs
- Flexible multi-cabinet expansion: Modular design, support multi-cabinet parallel connection

Reliable and safe

- Intelligent monitoring and linkage to ensure system security
- Temperature, smoke, and combustible gas sensors to apply rapid suppression of thermal runaway

Intelligent liquid cooling

- Non-uniform flow channel design to control cell temperature difference $\leq 2^{\circ}\text{C}$
- Multiple liquid cooling control modes to reduce system power consumption

Smart and convenience

- Multiple operating modes to choose from and remote upgrade support
- Cloud-based monitoring and operating platform supporting multiple device access

Application Scenarios



Peak shaving
Peak & valley arbitrage



Energy backup
Supply power to facilities when the grid is down, or apply in areas without power.



Improve the stability of the electricity system
Enhance the stability, continuity and controllability of new energy generation



Optimizing the use of renewable energy
Maximizing the use of PV to store spare power and discharge the power at night



Arbitrage
Arbitrage by using peak and valley tariffs for different time periods.



Cost reduction
Discharge during peak electricity demand to reduce expensive electricity bills