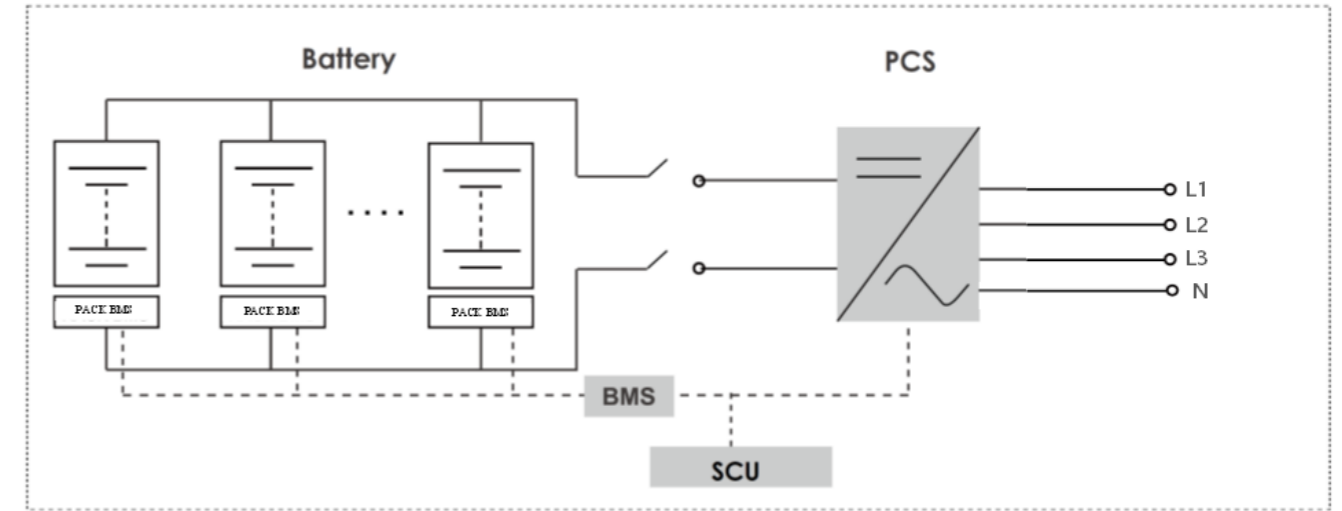


SUNGIGA

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	Reliable and safe	Intelligent liquid cooling	Smart and convenience
<ul style="list-style-type: none"> □ All-in-one design with integrated PCS, reducing shipping and installation costs □ Flexible multi-cabinet expansion: Modular design, support multi-cabinet parallel connection 	<ul style="list-style-type: none"> □ Intelligent monitoring and linkage to ensure system security □ Temperature, smoke, and combustible gas sensors to apply rapid suppression of thermal runaway 	<ul style="list-style-type: none"> □ Non-uniform flow channel design to control cell temperature difference □ Multiple liquid cooling control modes to reduce system power consumption 	<ul style="list-style-type: none"> □ 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

Battery Parameter

Cell type	LFP 3.2V/280Ah
Max. charging/discharging rate	0.5C
Cell combination method	1P240S
PACK number	5 pcs
Rated power	215 kWh
Rated voltage	768V
Voltage range	672V~864V
Cooling method	Liquid cooling

AC parameter

Rated AC power	100 kW
Rated voltage	400 Vac
AC side wiring method	Three-phase, Four-wire
Rated frequency	50 Hz
Cooling method	Intelligent forced air cooling

System parameter

Ambient temperature	-20°C~50°C, Derating over 45°C
Humidity	≤95%RH, no condensation
Altitude	≤2000m
Protection level	IP55
Firefighting method	Aerosol
Anti-corrosion grade	C3/C5(optional)
Communication	LAN
Dimension(WidthxDepthxHeight)	1300x1300x2300 mm
Weight	~2800kg
Certification	IEC62619, IEC63056, IEC61000, IEC62477

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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