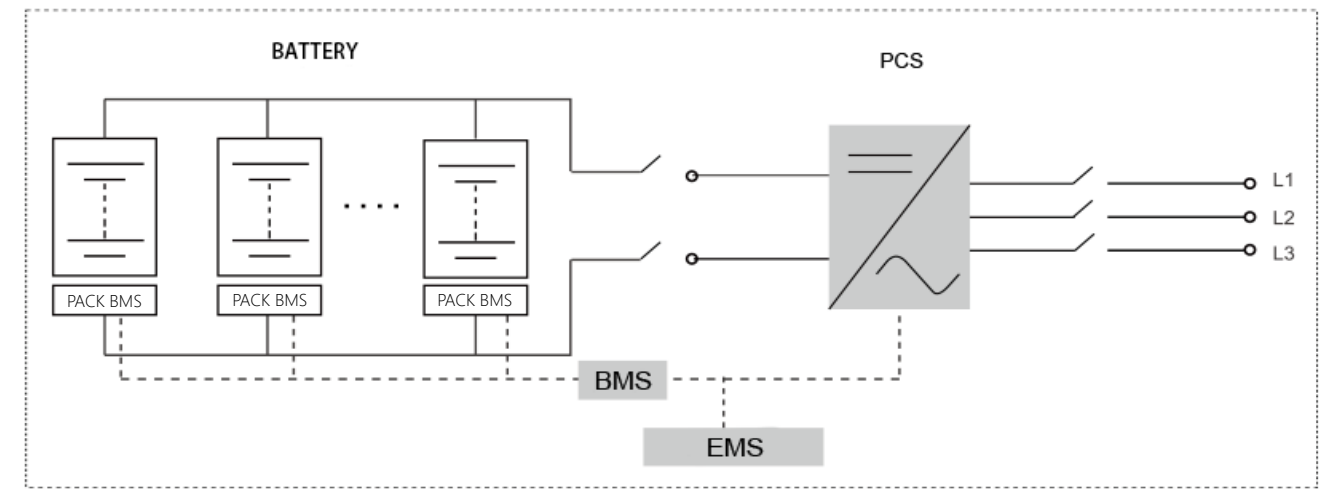


SUNGIGA

JKS-215KLAA-100PLAA

Liquid Cooling ESS Solution SUNGIGA

Jinko 215 Liquid-Cooled Integrated Cabinet integrates battery modules, BMS, PCS and fire protection equipment to offer a 1000V energy storage system solution for users. This system has a battery capacity of 215 kWh and can deliver up to 100 kW of power. The product is characterized by its flexible deployment, safety and reliability, intelligent liquid cooling, and smart.



HIGHLY INTEGRATED

- All-in-one design, integrating PCS for easy transportation and flexible O&M.

- Flexible Multi-Unit Expansion: Modular design, supporting parallel operation of multiple units.

RELIABLE AND SAFE

- Intelligent monitoring ensure battery system safety.

- Integrated heating system for thermal safety and enhanced performance and reliability.

SMART LIQUID-COOLING

- Non-uniform liquid cooling pipeline design , effectively reduces the temperature difference between battery cells.

- Multiple liquid cooling control modes, reduce system power consumption.

SMART SOFTWARE

- Supports remote upgrades.

- Cloud-based monitoring and operation platform,supports access for multiple devices.

Application sScenario



PEAK SHAVING

Discharge at time of peak demand to reduce expensive demand charge.



ENERGY BACKUP

Powers a facility when the grid goes down, or application in areas without electricity.



CAPACITY FIRING

Smooth out the intermittency of renewables by storing and dispatching when needed.



OPTIMIZATION THE UTILIZATION OF RENEWABLE

Daytime load maximizes PV power, and excess power is stored for use at night.



ARBITRAGE

Carry out arbitrage by using peak and valley electricity prices in different time periods.



COST SAVING

Supply power at a distributed location to reduce investment in the construction of the grid.

Battery Input

Battery model	LFP 3.2V/280Ah
Max. charge and discharge power	0.5P
Configuration of system	1P240S
Number of packs	5 pcs
Nominal energy	215 kWh
Rated voltage	768V
Nominal voltage range	672V~864V
Cooling concept	Liquid cooling
DOD	95%
Cycle life	6000

AC Output

Rated AC power	100 kW
Rated voltage	400 Vac
AC connection	3W+N+PE
Rated frequency	50 Hz
THDi	< 3%
Cooling concept	Air cooling

General Data

Environment temp	-20°C~50°C, derating > 45° C
Environment humidity	≤95%RH ,without condensation
Operating altitude	≤2000m
Degree of protection	IP55
Fire suppression system	aerosol
Anticorrosion grade	C3/C5(Optional)
Communication	RS485/CAN/Ethernet
Dimensions (WxDxH)	1300x1300x2300 mm
Weight	~2800kg

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

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