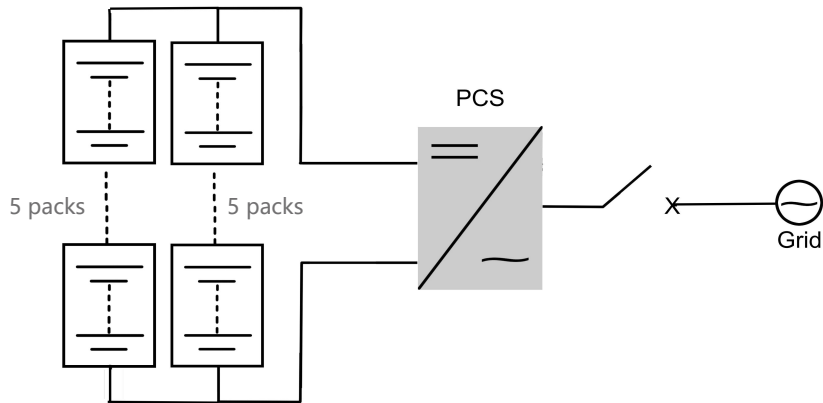


SUNGIGA

JKS-520KLAA-125PLAA

Liquid Cooling ESS Solution SUNGIGA

Jinko 520 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 522 kWh and can deliver up to 135 or 2*135kW of power. The product is charactrized by its flexible deployment, safety and reliability, intelligent liquid cooling, and smart software.Its modular design can meet the needs of various application scenarios.



HIGHLY INTEGRATED

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

RELIABLE AND SAFE

- Intelligent monitoring ensure battery system safety.

SMART LIQUID-COOLING

- Non-uniformliquidcooling pipeline design , effectively reduces the temperature difference between battery cells.

SMART SOFTWARE

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

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

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

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

ApplicationScenerio



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	
Cell capacity	LFP 3.2V/314Ah
Max. charge and discharge power	0.25/0.5P
Configuration of system	2*1P260S
Number of packs	10 pcs
Nominal energy	520 kWh
Rated voltage	832V
Nominal voltage range	702V~936V
Cooling concept	Liquid cooling
AC Output	
Rated AC power	135 kW/2*135kW
Rated voltage	400 ±15%Vac
AC connection	3P4W
Rated frequency	50/60Hz
THDi	< 3%
Efficiency	99%
General Data	
Environment temp	-30°C~55°C, derating > 50° C
Environment humidity	≤99%RH ,without condensation
Operating altitude	≤3000m
Degree of protection	IP55
Fire suppression system	System Aerosol Gas extinguisher+ smoke detection + temperature sensing + flammable gas detection (Optional) .
Anticorrosion grade	C3 (C5 Optional)
Communication	RS485/CAN/Ethernet
Dimensions (W×D×H)	1920x1400x2400 mm
Weight	≈5600kg

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

© Zhejiang Jinko Energy Storage Co., Ltd. All rights reserved. Specifications included in this datasheet are subject to change without notice.