

SUNGIGA

JKS-261KLAA-125PLAB

Liquid Cooling ESS Solution

Jinko 261 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 261 kWh and can deliver up to 135(or 125) kW of power. The product is characterized 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
- 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

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

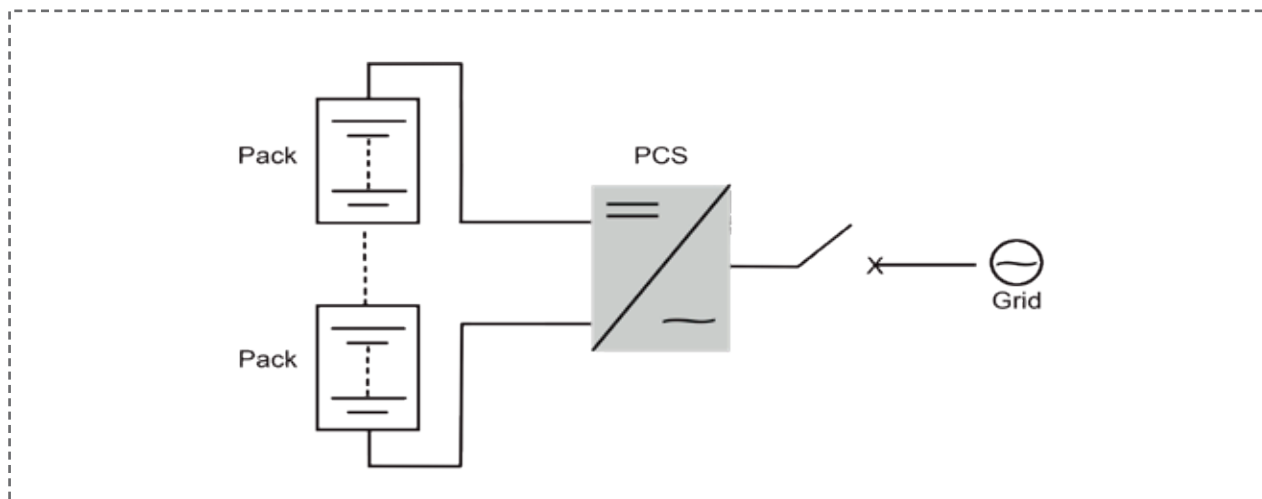
Daytime load maximizes PV power, and excess power is stored for use at night

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 Input	LFP 3.2V/314Ah
Max. charge and discharge power	0.5P
Configuration of system	1P260S
Number of packs	5 pcs
Nominal energy	261 kWh
Rated voltage	832V
Nominal voltage range	702V~936V
Cooling concept	liquid cooling

AC Output

Rated AC power	135/125 kW
Rated voltage	400 Vac
AC connection	3P4W
Rated frequency	50 Hz
THDi	< 3%
On/off Grid Connection	12 units in series

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)	1000x1400x2400 mm