

# SUNGIGA

## JKS-261KLAA-125PLAB (C)

### Liquid Cooling ESS Solution SUNGIGA

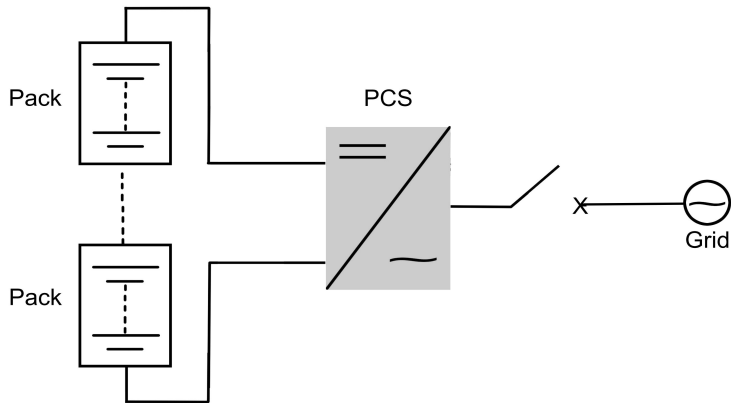
Jinko 261 Liquid-Cooled Integrated Cabinet integrates battery modules, BMS, PCS and fire protection equipment to offer a 1000V energy storage system solution for users. This system has a battery capacity of 261 kWh and can deliver up to 135 (or 125) kW of power. The product is charactrized by its flexible deployment, safety and reliability, intelligent liquid cooling, and smart software.Its modular design can meet the needs of various application scenarios.



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|--|--|---|--|
| <b>HIGHLY INTEGRATED</b>   | <b>RELIABLE AND SAFE</b>   | <b>SMART LIQUID-COOLING</b>   | <b>SMART SOFTWARE</b>  |
| <input type="checkbox"/> All-in-one design, integrating PCS for easy transportation and flexible O&M.                    | <input type="checkbox"/> Intelligent monitoring ensure battery system safety.                                  | <input type="checkbox"/> Non-uniformliquidcooling pipeline design , effectively reduces the temperature difference between battery cells. | <input type="checkbox"/> Supports remote upgrades.   |
| <input type="checkbox"/> Flexible Multi-Unit Expansion: Modular design, supporting parallel operation of multiple units. | <input type="checkbox"/> Integrated heating system for thermal safety andenhanced performance and reliability. | <input type="checkbox"/> Multiple liquid cooling control modes, reduce system power consumption.  | <input type="checkbox"/> Cloud-based monitoring and operation platform,supports access for multiple devices. |

#### ApplicationScenerio

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| <b>PEAK SHAVING</b><br>Discharge at time of peak demand to reduce expensive demand charge.                                       | <b>ENERGY BACKUP</b><br>Powers a facility when the grid goes down,or application in areas without electricity. | <b>CAPACITY FIRMING</b><br>Smooth out the intermittency of renewables by storing and dispatching when needed.      |
| <b>OPTIMIZATION THE UTILIZATION OF RENEWABLE</b><br>Daytime load maximizes PV power,and excess power is stored for use at night. | <b>ARBITRAGE</b><br>Carry out arbitrage by using peak and valley electricity prices in different time periods. | <b>COST SAVING</b><br>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 /125kW
Rated voltage	400 Vac
AC connection	3P4W
Rated frequency	50/60 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)	1100x1400x2400 mm

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.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 125 kW of power. The product ischaracterized by its flexible deployment, safety and reliability, intelligent liquid cooling, and smart.

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