

# SUNGIGA

## JKS-215KLAA-100PLCA

Jinko liquid-cooling C&I product integrates packs, BMS, PCS et al to provide customer with all-in-one 1000V ESS solution. The product can be widely used in various scenarios such as peak & valley arbitrage, backup power, maximizing self-consumption et al.



### HIGHLY INTEGRATED

- High energy-density system with capacity of 215kWh.
- Module design, easy to expand

### RELIABLE AND SAFE

- Intelligent monitoring and linkage action ensures system safety
- Multiple level protection from cell to system

### EFFICIENT AND FLEXIBLE

- The turnkey system is design to enhance higher efficiency and longer service life
- Highly integrated ESS for easy shipping and flexible O&M

### SMART SOFTWARE

- Multiple operation modes are available. The software can be customized and upgraded
- Cloud monitoring and operation platform supports the real time monitoring, ensuring highly efficient commission

### APPLICATION



#### PEAK SHAVING

Optimize power consumption with battery energy storage systems



#### ENERGY BACKUP

Supply power to facilities when the grid is down, or apply in areas without power.



#### CAPACITY FIRMING

Smoothing the indeterminacy of renewable energy by storing and dispatching when needed.



#### OPTIMIZING THE USE OF RENEWABLE ENERGY

Maximizes the use of PV and the excess power can be stored for using at night



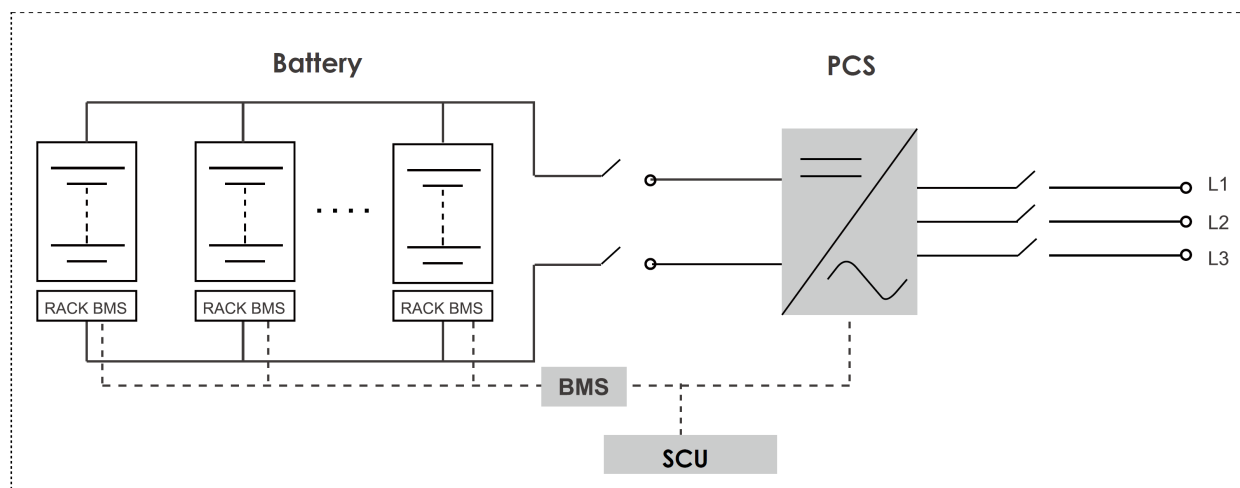
#### ARBITRAGE

Arbitrage by using peak and valley tariffs for different time periods.



#### COST SAVING

Discharge during peak demand to reduce expensive demand charges



DC Parameter	
Cell type	LFP-3.2V/280Ah
Max. charging/discharging power	0.5P
Rated capacity	215kWh
Rated voltage	768V
Voltage range	672V~864V
Cooling method	Liquid cooling
AC Parameter	
Rated output power	100kW
AC voltage	400Vac
Rated grid frequency	50/60Hz
Total current waveform distortion rate	< 3%
Cooling method	Intelligent forced air cooling
System Parameter	
Operating temperature	20°C~ 50°C
range Humidity	≤95%RH, non-condensing
Working altitude	≤2000m
Protection level	IP54
Fire Fighting Media	Aerosol
Anti-corrosion grade	C5
Dimension(W×D×H)	1300×1300×2300mm
Communication Interface	RS485/CAN/Ethernet