

# JKS1075~2150K-500H

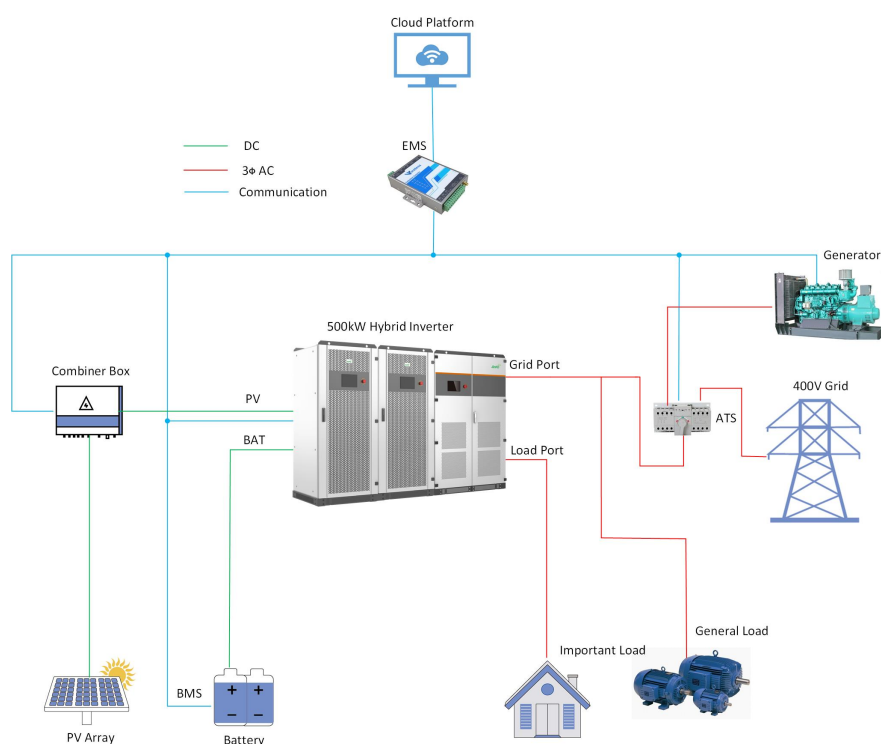


DC cabinet (left)+PCS cabinet (right)

## Key Features

- Highly integrated system with various working modes
- LFP battery ensures longer battery life and higher safety
- Pre-populated transportation enables faster in-site installation
- Integrated and optimized fire protection design, higher security

## System Topology



# SYSTEM TECHNICAL SPECIFICATIONS

DC Data (Battery)	JKS1075K-500H	JKS2150K-500H
Battery Chemistry	Lithium Iron Phosphate (LFP)	
Cell Specification	3.2V/280Ah	
Battery System Configuration	5*1P240S	10*1P240S
DC Rated Energy Capacity	1075kWh (215kWh*5)	2150kWh (215kWh*10)
Rated Voltage	768V	
Voltage Range	672V~864V	
BMS Communication Interface	Ethernet(LAN)	
BMS Communication Protocol	Modbus TCP	
DC Data (PV)		
Max.PV Input Voltage	1000V	
Standard/Max PV Power	500/600kW	
MPPT voltage range	250-850V	
MPPT voltage range@full load	450-850V	
AC Data		
Rated AC Power	500kW	
Maximum AC Power	550kW	
Rated Voltage	400V	
AC Rate of Current	722A	
THDi	≤3%	
Power Factor	1(leading) ~1(lagging)	
Rated Frequency (Hz)	50/60Hz	
AC Connection	3W+N+PE	
STS Power	500kW	
STS Switching Time	≤20ms	
General Data		
Degree of Protection	IP54	
Operating Temperature Range	-20~50°C	
Relative Humidity	0~95% (non-condensing)	
Max. Working Altitude	2,000m	
Cooling Concept of DC Battery	Liquid Cooling	
Communication Interfaces	RS485, Ethernet, GPRS	
Certifications	IEC62619, IEC63056, IEC61000, IEC62477	

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

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