JKS215~1720K-100H





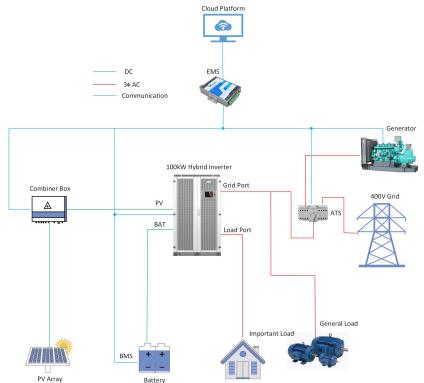


DC cabinet (left)+PCS cabinet (right)

Key Features

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

System Topology



SYSTEM TECHNICAL SPECIFICATIONS

Interplant of Lithian From Phosphate (LFP)Cell Specification3.3V280AhBattery System Configuration11240SBattery System Configuration11240SDC Rated Energy Capacity215WhContact Energy Capacity215WhContact Energy Capacity215WhPMS Communication Interface672V-864VBMS Communication InterfaceBubernet(LAN)BMS Communication ProtocolModbus TCPDe Chard (PV)1000VStadad Max PV Power1001/96WPMPT voltage range (full load450-850VAPPT voltage range (full load450-850VAPPT voltage range (full load450-850VAread AC Power1004WKaciana AC Power1004WNationary Conver1104WRaded Consert144ARade Contract144ARade Contract144ARade Contract164a/91-(lagging)Rade Torperoy (L/2)500/12Staffer Power1004WStaffer Power1004W <trt< th=""><th>DC Data (Battery)</th><th>JKS215K-100H</th><th></th><th>JKS1720K-100H</th></trt<>	DC Data (Battery)	JKS215K-100H		JKS1720K-100H
Harry System ConfigurationIP24058*IP2405DC Rared Linergy Capacity215Wh765WRated Voltage672V-864VMS Communication InterfaceEthernet(LAN)BMS Communication InterfaceBMs/bas TCPDC Data (PV)1000VStandard/Max PV Power1001506WMPT voltage range250-850VMPT voltage range250-850VAC Data1006WMaximum AC Power1005WMaximum AC Power1006WMaximum AC Power1006WAct and contrast400VAct and contrast1006WAct and contrast400VAct and contrast400VAct and contrast1004WStandard/Matage6004ZAct and contrast1004WAct and contrast	Battery Chemistry		Lithium Iron Phosphate (LFP)	
CR and Linengy Capacity 215Wh 1720kWh (215k Wh*8) DC Rand Linengy Capacity 768V Voluge Range 672V-864V BMS Communication Interface Elternet(LAN) BMS Communication Interface Elternet(LAN) DC Data (PV) Modhus TCP Max PV Input Voluge 1000V Standard/Max PV Power 1001/106 W MPT voltage range 256-850 V MPT voltage range 256-850 V Maximum AC Power 100k W Maximum AC Power 100k W Maximum AC Power 100k W Katel AC Youer 100k W Katel AC Power 1044 A Katel AC Power 116kaign -1 (Lingsing) Katel AC Rate of Current 144A Katel AC Fougency (Hz) 5060Hz Katel Frequency (Hz) 5060Hz Katel Frequency (Hz) 5000HZ Katel Ac Connection 3W+N+PE STS Power 100k W <	Cell Specification		3.2V/280Ah	
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Volage Range672V-864VBM Communication InterfaceEthernet(LAN)BMS Communication ProtocolModbus TCPDC Data (PV)1000VStandard/Max PV Power1001150KWMax PV Input Voltage258-850VMPPT voltage range@full load459-850VAPPT voltage range@full load459-850VAC Data100KWKach AC Power100KWMaximum AC Power100KWRated AC Power100KWCate of Current144ATHDi33%Power Factor100kWStrokenty(HZ)50/6HZStrokenty(HZ)50/6HZStrokenty(HZ)50/6HZStrokenty(HZ)50/6HZStrokenty(HZ)52/0msOperer Factor100kWStrokenty(HZ)52/0ms	DC Rated Energy Capacity	215Wh		1720kWh (215kWh*8)
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DC Data (PV) Max.PV Input Voltage 1000V Standard/Max PV Power 100/150kW MPPT voltage range 250.850V MPPT voltage range@ftall load 450.850V AC Data	BMS Communication Interface		Ethernet(LAN)	
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THDi ≤3% Power Factor 1(leading) ~1(lagging) Rated Frequency (Hz) 50/60Hz AC Connection 3W+N+PE STS Power 100kW STS Switching Time ≤20ms General Data 1P54 Operating Temperature Range -20~50°C Relative Hunidity 0~95% (non-condensing) Max. Working Altitude 2,000m Cooling Concept of DC Battery Liquid Cooling Communication Interfaces R5485, Ethernet, GPRS	Rated Voltage		400V	
Power Factor 1(leading) - 1(lagging) Rated Frequency (Hz) 50/60Hz AC Connection 3W+N+PE STS Power 100kW STS Switching Time ≤20ms General Data 1P54 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	AC Rate of Current		144A	
Rated Frequency (Hz)50/60 HzAC Connection3W+N+PESTS Power100kWSTS Switching Time\$20msGeneral Data1054Degree of ProtectionIP54Operating Temperature Range-20~50°CRelative Humidity0~95% (non-condensing)Max. Working Altitude2,000mCooling Concept of DC BatteryLiquid CoolingCommunication InterfacesRS485, Ethernet, GPRS	THDi		≤3%	
AC Connection 3W+N+PE STS Power 100kW STS Switching Time ≤20ms General Data IP54 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	Power Factor		1(leading)~1(lagging)	
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General DataDegree of ProtectionIP54Operating Temperature Range-20~50°CRelative Humidity0~95% (non-condensing)Max. Working Altitude2,000mCooling Concept of DC BatteryLiquid CoolingCommunication InterfacesRS485, Ethernet, GPRS	STS Power		100kW	
Degree of ProtectionIP54Operating Temperature Range-20~50°CRelative Humidity0~95% (non-condensing)Max. Working Altitude2,000mCooling Concept of DC BatteryLiquid CoolingCommunication InterfacesRS485, Ethernet, GPRS	STS Switching Time		≤20ms	
Operating Temperature Range-20~50°CRelative Humidity0~95% (non-condensing)Max. Working Altitude2,000mCooling Concept of DC BatteryLiquid CoolingCommunication InterfacesRS485, Ethernet, GPRS	General Data			
Relative Humidity0~95% (non-condensing)Max. Working Altitude2,000mCooling Concept of DC BatteryLiquid CoolingCommunication InterfacesRS485, Ethernet, GPRS	Degree of Protection		IP54	
Max. Working Altitude 2,000m Cooling Concept of DC Battery Liquid Cooling Communication Interfaces RS485, Ethernet, GPRS	Operating Temperature Range		-20~50°C	
Cooling Concept of DC Battery Liquid Cooling Communication Interfaces RS485, Ethernet, GPRS	Relative Humidity		0~95% (non-condensing)	
Communication Interfaces RS485, Ethernet, GPRS	Max. Working Altitude		2,000m	
	Cooling Concept of DC Battery		Liquid Cooling	
Certifications IEC62619, IEC63056, IEC61000, IEC62477	Communication Interfaces		RS485, Ethernet, GPRS	
	Certifications		IEC62619, IEC63056, IEC61000, IEC624	77

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

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