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# JKS7.2K-3.6HLVS JKS9.6K-5HLVS JKS19.2K-8HLVS

more powerful  
more efficient

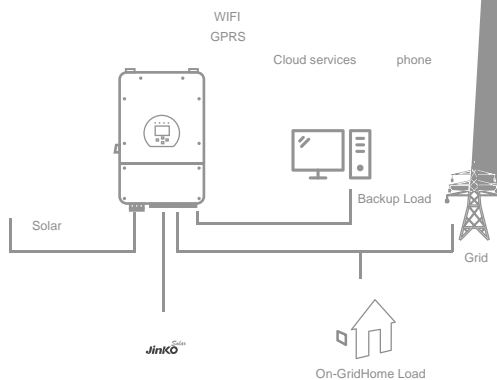
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New intelligent platform use new energy

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## Key Figures

- Future conception for solar
- Charge controller and inverter integrated
- Intelligent battery management function
- Capable of being grid-interactive or grid-independent
- More security & performance for same costs
- Battery max. discharge power up to 8 kW
- Monitoring inverters freely via computers or mobile phones
- Back-Up Mode can integrate with diesel generator



# SPECIFICATIONS

## System capacity

INPUT PV	Max.recommended PV panel power[W]	4.68kW	6.5kW	10.4kW	
	Max.DC voltage[V]	500V			
	Input voltage range[V]	100V-500V			
	Norminal DC operating voltage[V]	370			
	Max. input current(per mppt)[A]	12.5	12.5	22	
	Max. short circuit current(per mppt)[A]	20+20	20+20	20x2+20x2	
	MPPT voltage range[V]	125-425V			
	No. of MPP trackers	2			
	Strings per MPP tracker	1+1	1+1	2+2	
	BATTERY	Battery type	LFP		
Norminal battery energy[kwh]		7.2kWh	9.6kWh	19.2kWh	
Battery voltage range[V]		42-51.5V			
Norminal battery voltage [V]		48			
Max.charge/discharge current[A]		76.5/90	100/120	150/185	
Communication interfaces		R485/CAN			
OUTPUT AC		Grid type	1Φ 3W 230V		
		Rated grid Frequency[Hz]	50/60		
	Norminal AC output power[W]	3600	5000	8000	
	Norminal AC output current[A]	15.7	21.7	35	
	Max. AC output current[A]	18	24	40	
	OUTPUT EPS	EPS rated voltage[V]	230		
EPS rated Frequency[Hz]		50Hz/60Hz			
EPS rated power[W]		3600	5000	8000	
EPS peak power[W]		3960	5500	8800	
EFFICIENCY		PCS Certifications	97.6%		
	Battery safety certifications	95%			
CERTIFICATION	Max. PV to AC efficiency	VDE0126, IEC62109-1/2, IEC61683			
	Max. Battery to AC efficiency	UL1973,IEC62619, UN38.3			
ENVIRONMENT LIMIT	IP Level	IP65(Inverter) IP55(Battery)			
	PCS operating temperature range[ C ]	-25~60 C , >45 C Derating			
	Battery operating temperature range[ C ]	0-45			
	Altitude[m]	2000			
OTHERS	Noise emission(typical)[dB]	<30			
	Cooling concept	Natural convection			
	Insulating method	Transformerless			
	Communication	External:APP/Web Battery:CAN2.0			
	Warranty	5 years / 10 years(optional)			
	DIMENSIONS AND WEIGHT	Cabinet dimensions[mm]	510x1130x290mm		
Cabinet weight[kg]		116	140	140	
PCS dimensions[mm]		580x208x330mm	680x233x420mm	680x233x420mm	
PCS weight [kg]		20.5	20.5	32	