

JKS-GLB-RESS- LV7.2/9.6/19.2 kWh-G0

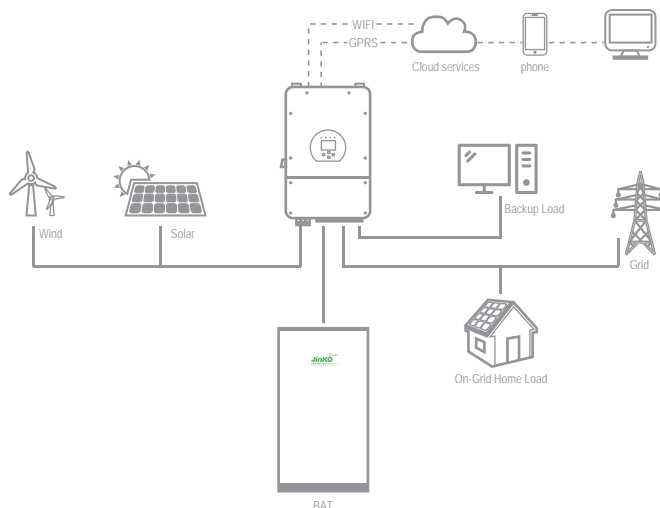
more powerful
more efficient

New intelligent platform use new energy



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		3.6kW-7.2kWh	5kW-9.6kWh	8kW-19.2kWh
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]		75/75	100/120	150/185
Communication interfaces		RS485 / CAN		
OUTPUT AC		Grid type	1Φ 3W 230V	
	Rated grid Frequency[Hz]	50/60		
	Norminal AC outpout power[W]	3600	5000	8000
	Norminal AC output current[A]	15.7	20.8	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[VA]	3600	5000	8000
	EPS peak power[VA]	3960	5500	8800
EFFICIENCY	Max. PV to AC efficiency	97.6%		
	Max. Battery to AC efficiency	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		
OTHERS	Altitude[m]	2000		
	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]	570x1150x285mm	
Cabinet weight[kg]		116	140	140
PCS dimensions[mm]		580x208x330mm	680x233x420mm	680x233x420mm
PCS weight [kg]		20.5	20.5	32

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

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