

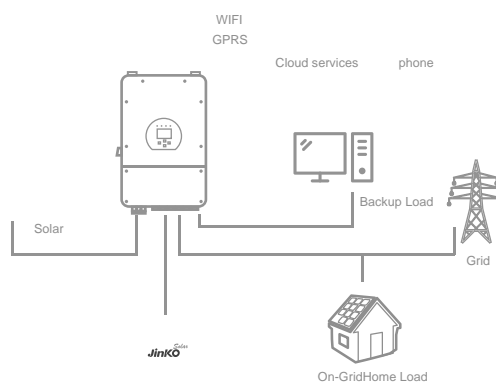
JKS7.2K-3.6HLVS JKS9.6K-5HLVS JKS19.2K-8HLVS

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

| | | | | |
|---------------------------------|--|------------------------------------|---------------|---------------|
| 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 |