

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

more powerful  
more efficient

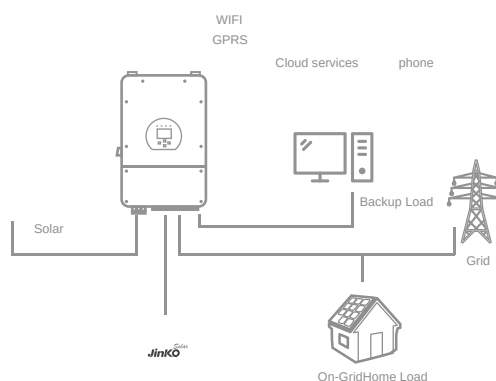
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New intelligent platform use new energy

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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       |                                          | 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]          | 76.5/90                            | 100/120       | 150/185       |
|                       | Communication interfaces                 | R485/CAN                           |               |               |
| OUTPUT AC             | Grid type                                | 1 Φ 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 certiifications           | 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)<br>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<br>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            |