

JKS-6~20H-EI

Three Phase High Voltage Inverter Series

Solar
JinKO



WIDE POWER RANGE

6-20kW wide power output selection covering multiple applications



HIGH FLEXIBILITY

Integrated PV module, battery, diesel generator port and backup load port



100% UNBALANCED OUTPUT

100% unbalanced output, each phase; Max. output up to 50% rated power



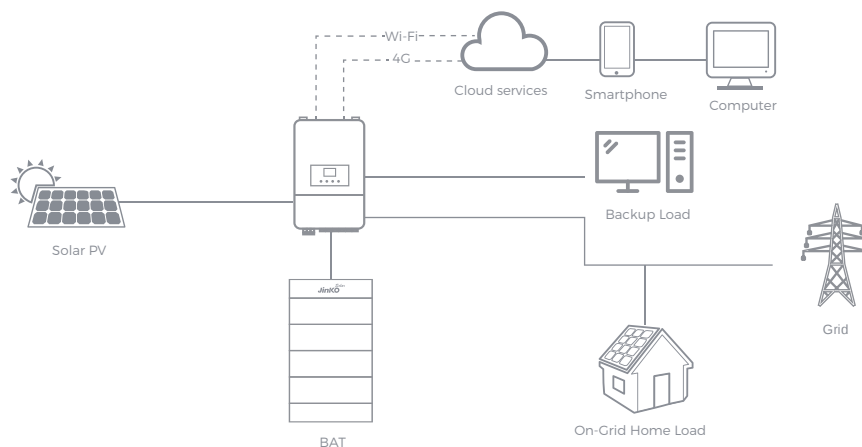
HIGH PROTECTION

IP65 (dust proof and water proof)



INTELLIGENT CONTROL

Multiple optional work modes, remote and real-time monitoring via web and APP



SPECIFICATIONS

Model	JKS-6H-EI	JKS-8H-EI	JKS-10H-EI	JKS-12H-EI	JKS-15H-EI	JKS-20H-EI
Battery Input Data						
Battery Type	Li-Ion					
Battery Voltage Range (V)	160-700					
Max. Charging Current (A)	37					
Max. Discharging Current (A)	37					
Number of battery input	1					
Charging Strategy for Li-Ion Battery	Self-adaption to BMS					
PV String Input Data						
Max. DC Input Power (W)	7800	10400	13000	15600	19500	26000
Max. DC Input Voltage (V)	1000					
Start-up Voltage (V)	180					
MPPT Range (V)	150-850					
Full Load DC Voltage Range (V)	195-850	260-850	325-850	340-850	420-850	500-850
Rated DC Input Voltage (V)	600					
PV Input Current (A)	20+20			26+20		26+26
Max. PV Isc (A)	30+30			39+30		39+39
No.of MPP Trackers	2					
No.of Strings per MPP Tracker	1			2+1		2
AC Output Data						
Rated AC Output and UPS Power (W)	6000	8000	10000	12000	15000	20000
Max. AC Output Power (W)	6600	8800	11000	13200	16500	22000
AC Output Rated Current (A)	9.1/8.7	12.2/11.6	15.2/14.5	18.2/17.4	22.8/21.8	30.4/29
Max. AC Output Rated Current (A)	10/9.6	13.4/12.8	16.7/16	20/19.2	25/24	33.4/31.9
Max. Three-phase Unbalanced Output Current	13	18	22	25	30	35
Max. Continuous AC Passthrough (A)	40			80		
Peak Power (off grid)	1.5 time of rated power, 10 S					
Generator input/Smart load /AC couple current (A)	9.1 / 40 / 9.1	12.2 / 40 / 12.2	15.2 / 40 / 15.2	18.2 / 80 / 18.2	22.8 / 80 / 22.8	30.4 / 80 / 30.4
Power Factor	0.8 leading to 0.8 lagging					
Output Frequency and Voltage	50/60Hz; 3L/N/PE 220/380, 230/400Vac					
Grid Type	Three Phase					
DC injection current (mA)	<0.5%I _n					
Efficiency						
Max. Efficiency	97.60%					
Euro Efficiency	97.00%					
MPPT Efficiency	99.90%					
Protection						
Integrated	"PV Input Lightning Protection, Anti-islanding Protection, PV String Input Reverse Polarity Protection, Insulation Resistor Detection, Residual Current Monitoring Unit, Output Over Current Protection, Output Shorted Protection, Surge protection"					
Output Over Voltage Protection	DC Type II/AC Type III					
Certifications and Standards						
Grid Regulation	VDE4105, IEC61727/62116, VDE0126, AS4777.2, CEI 0 21, EN50549-1, G98, G99, C10-11, UNE217002, NBR16149/NBR16150					
Safety EMC / Standard	IEC/EN 61000-6-1/2/3/4, IEC / EN 62109-1, IEC/EN 62109-2					
General Data						
Operating Temperature Range (°C)	-40~60°C, >45°C derating					
Cooling	Smart cooling					
Noise (dB)	<45 dB					
Communication with BMS	RS485; CAN					
Weight (kg)	30.5					
Size (mm)	408W×638H×237D					
Protection Degree	IP65					
Installation Style	Wall-mounted					
Warranty	5 years					

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

© Jinko Solar Co., Ltd., All rights reserved. Specifications included in this datasheet are subject to change without notice.