

JKS-8K-SG04LP3-EU JKS-10K-SG04LP3-EU JKS-12K-SG04LP3-EU

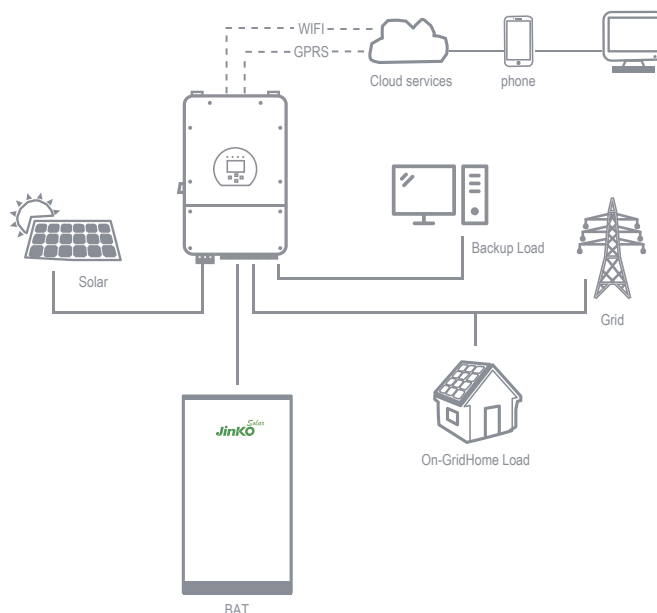
More powerful
More efficient

New intelligent platform use new energy



Key Features

- Max. charging/discharging current of 240 A
- Support storing energy from diesel generator
- DC couple and AC couple to retrofit existing solar system
- 100% unbalanced output, each phase; Max. output up to 50% rated power



SPECIFICATIONS

Datasheet			
JKS-8K-SG04LP3-EU		JKS-10K-SG04LP3-EU	
JKS-12K-SG04LP3-EU			
BATTERY INPUT DATE			
Battery Type		Lead-acid or Li-Ion	
Battery Voltage Range(V)		40-60	
Max. Charging Current(A)	190	210	240
Max. Discharging Current(A)	190	210	240
External Temperature Sensor		Yes	
Charging Curve		3 Stages/Equalization	
Charging Strategy for Li-Ion Battery		Self-adaption to BMS	
PV STRING INPUT DATA			
Max. DC Input Power (W)	10400	13000	15600
PV Input Voltage (V)		550 (160~800)	
Start-up Voltage (V)		160	
MPPT Voltage Range (V)		200~650	
Full Load DC Voltage Range (V)		350~650	
PV Input Current(A)	13A+13	26+13	26+13
Max. PV ISC(A)	17+17	34+17	34+17
Number of MPPT/Strings per MPPT	2/1+1	2/2+1	2/2+1
AC OUTPUT DATA			
Rated AC Output and UPS Power (W)	8000	10000	12000
Max. AC Output Power (W)	8800	11000	13200
AC Output Rated Current (A)	12.1/11.6	15.2/14.5	18.2/17.4
Max. AC Current (A)	18.2/17.4	22.7/21.7	27.3/26.1
Max. Continuous AC Passthrough (A)		45	
Peak Power (off grid)		2 time of rated power, 10 S	
Power Factor		0.8 leading to 0.8 lagging	
Output Frequency and Voltage		50/60Hz; 380/400Vac (Three phase)	
Grid Type		Three Phase	
Current Harmonic Distortion		THD<3% (Linear load<1.5%)	
EFFICIENCY			
Max. Efficiency		97.60%	
Euro Efficiency		97.00%	
MPPT Efficiency		>99%	
Protection		PV Arc Fault Detection, 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	
Output Over Voltage Protection		DC Type II/AC Type III	
CERTIFICATIONS AND STANDARDS			
Grid Regulation		CEI 0-21, VDE-AR-N 4105, NRS 097, IEC 62116, IEC 61727, G99, G98, VDE 0126-1-1, RD 1699, C10-11	
EMC / Safety Regulation		IEC/EN 62109-1,IEC/EN 62109-2,IEC/EN 61000-6-1, IEC/EN 61000-6-2,IEC/EN 61000-6-3,IEC/EN 61000-6-4	
GENERAL DATA			
Operating TOperating Temperature Range (°C)		-45~60°C, >45°C Derating	
Cooling		Smart cooling	
Noise (dB)		<45 dB	
Communication with BMS		RS485; CAN	
Weight (kg)		33.6	
Size (mm)		422W x 699.3H x279D	
Protection Degree		IP65	
Installation Style		Wall-mounted	
Warranty		5 years	

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

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