

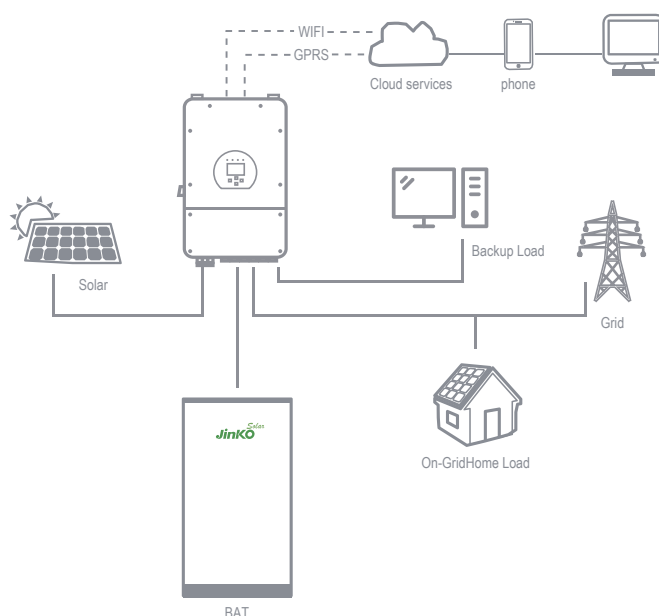
JKS-6K-8K- SG01LP1-EU

New intelligent platform use new energy

More powerful
More efficient

Key Features

- Colorful touch LCD, IP65 protection degree
- 6 time periods for battery charging/discharging
- DC coupled and AC couple to retrofit existing solar system
- Support storing energy from diesel generator



SPECIFICATIONS

Datasheet			JKS-6K-SG01LP1-EU	KS-8K-SG01LP1-EU
BATTERY INPUT DATE				
Battery Type		Lead-acid or Li-Ion		
Battery Voltage Range(V)		40-60V		
Max. Charging Current(A)		135A		190A
Max. Discharging Current(A)		135A		190A
Charging Curve		3 Stages / Equalization		
External Temperature Sensor		yes		
Charging Strategy for Li-Ion Battery		Self-adaption to BMS		
PV STRING INPUT DATA				
Max. DC Input Power(W)		7800W		10400W
Rated PV Input Voltage(V)		370V (125V~500V)		
MPPT Range(V)		150~425V		
Start-up Voltage(V)		125V		
PV Input Current(A)		26A+13A		26A+26A
Max.PV ISC(A)		44A+22A		44A+44A
No. of MPPT Trackers		2		
No. of Strings Per MPPT Tracker		2+2		
AC OUTPUT DATA				
Rated AC Output and UPS Power(W)		6000		8000
Max. AC Output Power(W)		6600		8800
Peak Power(off grid)		2 times of rated power, 10 S		
AC Output Rated Current(A)		25/28.8		36.4/34.8
Max. AC Current(A)		27.5/31.7		40/38.3
Max. Continuous AC Passthrough(A)		50A		
Power Factor		0.8 leading to 0.8 lagging		
Output Frequency and Voltage		50 / 60Hz; L1/L2/N(PE) 120/240Vac (split phase), 208Vac (2/3 phase), L/N/PE 220/230Vac (single phase)		
Grid Type		Split phase; 2/3 phase; Single Phase		
DC Injection Current (mA)		THD<3% (Linear load<1.5%)		
EFFICIENCY				
Max. Efficiency		97.60%		
Euro Efficiency		97.00%		
MPPT Efficiency		99.90%		
PROTECTION				
Surge Protection		Integrated		
PV Input Lightning Protection		Integrated		
Anti-islanding Protection		Integrated		
PV String Input Reverse Polarity Protection		Integrated		
Insulation Resistor Detection		Integrated		
Residual Current Monitoring Unit		Integrated		
Output Over Current Protection		Integrated		
Output Shorted Protection		Integrated		
Output Over Voltage Protection		DC Type II / AC Type II		
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 61000-6-1/2/3/4, IEC/EN 62109-1, IEC/EN 62109-2		
GENERAL DATA				
Operating Temperature Range(°C)		-45~60°C, >45°C Derating		
Cooling		Smart cooling		
Noise(dB)		<30 dB		
Communication with BMS		RS485; CAN		
Weight(kg)		32		
Size(mm)		420W×670H×233D		
Protection Degree		IP65		
Installation Style		Wall-mounted		
Warranty		5 years		

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

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