

# JKS12.5K-10H JKS25K-10H

more powerful  
more efficient

---

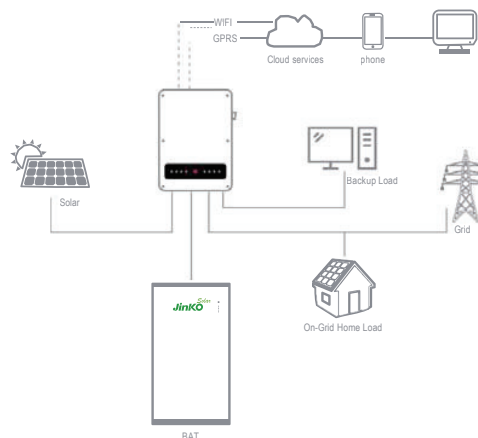
New intelligent platform use new energy

---



## Key Figures

- The maximum conversion efficiency is 98.4%
- Uninterruptible power supply (UPS)
- Intelligent battery management function
- Wide battery voltage range
- Passive cooling, low noise level, ideal for home use
- Battery max. discharge power up to 10 kW
- Monitoring inverters freely via computers or mobile phones
- Capable of being grid-interactive or grid-independent



## SPECIFICATIONS

System capacity		10kW/12.5kWh	10kW/25kWh
<b>INPUT PV</b>	Max.recommended PV panel power[W]	13kW	
	Max.DC voltage[V]	1000V	
	Input voltage range[V]	200-1000	
	Norminal DC operating voltage[V]	620	
	Max. input current(per mppt)[A]	12.5 / 12.5	
	Max. short circuit current(per mppt)[A]	15.2 / 15.2	
	MPPT voltage range[V]	250-850V	
	No. of MPP trackers	2	
	Strings per MPP tracker	1+1	
	<b>BATTERY</b>	Battery type	LiFePO4
Norminal module energy[kwh]		2.56kWh	
Module voltage range[V]		86.4V~112V	
Norminal cabinet energy[kwh]		12.5kWh	25kWh
Cabinet voltage range[V]		432V~560V	
Norminal cabinet battery voltage [V]		512	
Max.charge/discharge current[A]		14/20	25/25
Communication interfaces		RS485 / CAN	
Grid type		3Φ 400Vac	
<b>OUTPUT AC</b>		Rated grid Frequency[Hz]	50/60
	Norminal AC outpout power[W]	10000	
	Norminal AC output current[A]	15.2 / 14.4	
	Max. AC output current[A]	16.5	
	EPS rated voltage[V]	400	
	EPS rated Frequency[Hz]	50Hz / 60Hz	
	EPS rated power[VA]	10000	
	EPS peak power[VA]	10000	
<b>EFFICIENCY</b>	Max. PV to AC efficiency	98.2%	
	Max. Battery to AC efficiency	97.5%	
<b>CERTIFICATION</b>	PCS Certifications	VDE-AR-N 4105, VDE V 0124, VDE V 0126-1-1, UTE C15-712-1, NRS 097-1-2, G98, G99, EN 50549-1/-2, RD 1699, UNE 206006, UNE 206007-1, CEI 0-21	
	Battery safety certiiications	IEC62619,UN38.3	
<b>ENVIRONMENT LIMIT</b>	IP Level	IP65(Inverter) IP55(Battery)	
	PCS operating temperature range[ C ]	-35~60 C	
	Battery operating temperature range[ C ]	0-45	
	Altitude[m]	≤ 4000	
	Noise emission(typical)[dB]	<30	
<b>OTHERS</b>	Cooling concept	Natural convection	
	Insulating method	Transformerless	
	Communication	External:APP/Web Battery:CAN2.0	
	Warranty	5 years / 10 years(optional)	
<b>DIMENSIONS AND WEIGHT</b>	Cabinet dimensions[mm]	660*1650*260mm	
	Cabinet weight[kg]	195kg	
	PCS dimensions[mm]	516x415x180mm	
	PCS weight [kg]	25.1kg	