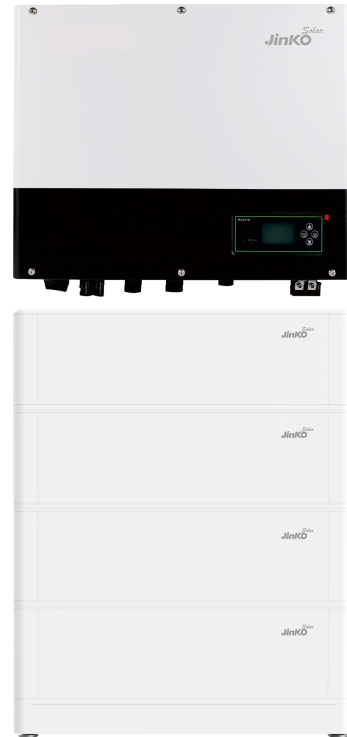


JKS10.24K-5HLVS

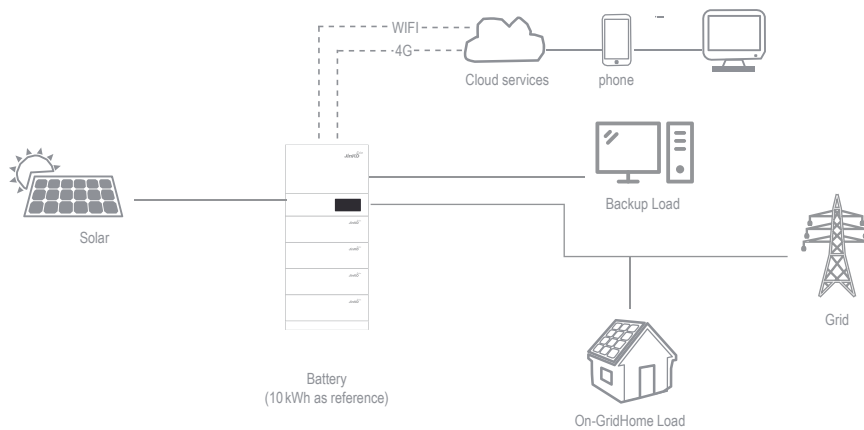
More powerful
More efficient

New intelligent platform use new energy



Key Features

- Compact design
- Smart battery management
- Online smart service
- Wide PV voltage range
- Support backup function
- IP65 & natural cooling



SPECIFICATIONS

System capacity		JKS10.24K-5HLVS
PV INPUT	Max.Recommended PV Module Power[W]	11600
	Start voltage[V]	120
	Max. PV voltage	550
	MPPT voltage range[V]	120V~550
	Max. input current of tracker A/B	13.5A/13.5A
	Max. Short-circuit current of tracker A/B	16.9A/16.9A*
	Number of independent MPP trackers / strings per MPP tracker	2/1
AC OUTPUT	Rated AC output power[W]	5000
	Rated Apparent power[VA]	5000
	Rated input/output current[A]	20/20
	Nominal AC output voltage[V]	230
	Nominal grid frequency	50/60HZ,±5HZ
	Power factor at rated power	1
	Displacement power factor	0.8 leading or lagging
	THDI	<3%
EPS OUTPUT POWER (BACKUP)	Rated Apparent power	4000VA
	Rated AC output voltage	230VAC
	Rated AC output frequency	50/60HZ
	Automatic switchover time	<16 ms
BATTERY DATA	Operating voltage range	47.2~56.8V
	Nominal voltage	51.2V
	Max charging and discharging current	100A
	Max charging and discharging power	4000W
	Battery type	LFP
Capacity of battery	10.24kWh(4 battery pack parallel); Battery parallel number expandable from 1-10 Packs(2.56-25.64kWh)	
EFFICIENCY	Max efficiency	97.6%
	Euro European efficiency	97.2%
GENERAL DATA	Dimensions(W / H / D)	PCS:461/565/188mm Battery pack:650/260/185mm
	Weight	PCS:27kg Battery pack:28kg
	Operating temperature range	PCS: -25 C ~+60 C Battery:-10 C ~+50 C
	Altitude	2000m
	Self-consumption	<3W
	Topology (solar)	Transformerless
	Cooling concept	Natural
	Environmental Protection Rating	IP65
	Relative humidity	100%
	Interfaces	RS232 / RS485 / CAN / USB
	Monitor	RF /WIFI /GPRS
	Warranty	PCS: 10 years Battery: 10 years

Note*: Internal testing shows that Suntank inverter series can accept short-circuit current per MPP tracker up to 18A as Isc.

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.

JKS10.24K-5HLVS-A4