

# JKS10.24K-5HLVS

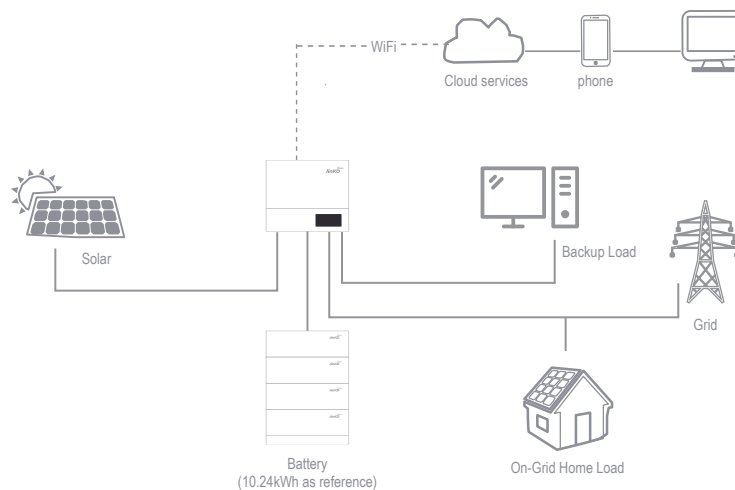
More powerful  
More efficient

New intelligent platform use new energy



## Key Features

- Compact design
- Smart battery management
- Online smart service
- Higher PV input current
- Support backup function
- IP65 & natural cooling



## SPECIFICATIONS

System capacity		JKS10.24K-5HLVS
<b>PV INPUT</b>	Max.Recommended PV Module Power[W]	9500
	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
<b>AC OUTPUT</b>	Rated AC output power[W]	5000
	Rated Apparent power[VA]	5000
	Rated input/output current[A]	22/22
	Nominal AC output voltage[V]	230
	Nominal grid frequency	50Hz
	Power factor at rated power	1
	Displacement power factor	0.8 leading or lagging
	THDI	<3%
<b>EPS OUTPUT POWER (BACKUP)</b>	Rated Apparent power	4000VA
	Rated AC output voltage	230VAC
	Rated AC output frequency	50Hz
	Automatic switchover time	<16ms
<b>BATTERY DATA</b>	Operating voltage range	42~59V
	Nominal voltage	51.2V
	Max charging and discharging current	110A
	Max charging and discharging power	5.63kW
	Battery type	LFP
Capacity of battery	10.24kWh(4 battery pack parallel); Battery parallel number expandable from 1-10 Packs(2.56-25.64kWh)	
<b>EFFICIENCY</b>	Max efficiency	97.5%
	Euro European efficiency	97.2%
<b>GENERAL DATA</b>	Dimensions(W / H / D)	PCS:456/565/188mm Battery pack:650/260/185mm
	Weight	PCS:27kg Battery pack:28kg
	Operating temperature range	PCS: -25℃ ~+60℃ Battery:-10℃ ~+50℃
	Altitude	2000m
	Self-consumption	<10W
	Inverter Topology	Non-isolated
	Cooling concept	Natural
	Environmental Protection Rating	IP65
	Relative humidity	100%
	Interfaces	RS485 / CAN / USB
	Monitor	WiFi/GPRS
	Warranty	PCS: 5 / 10 years (optional) Battery: 10 years

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

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