

JKS-B51100-GI

Low Voltage LFP Battery



LONGE LIFESPAN

> 6,000 cycles backed by Jinkosolar 10-years authoritative warranty



FAST CHARGING & DISCHARGING

Compatible to charge/discharge at 0.5C and 1C, but at 0.5C is recommended



HIGHLY COMPATIBLE

Compatible to diesel engine power plants and UPS application with on/off grid shifting times as low as 10 seconds



PREMIUM SERVICE

Over 35 technical and services centers globally, world-widely distributed network and partners



STRONG STABILITY

Multiple battery protections including communication, MOS, 2nd fault mandatory protection to enable overall full protection



UNIQUE SAFETY

Protection rating at IP65, cell-level independent fire-proof design, fire-resistant material can be exposed to 1200 degrees Celsius flame



QUICK INSTALLATION

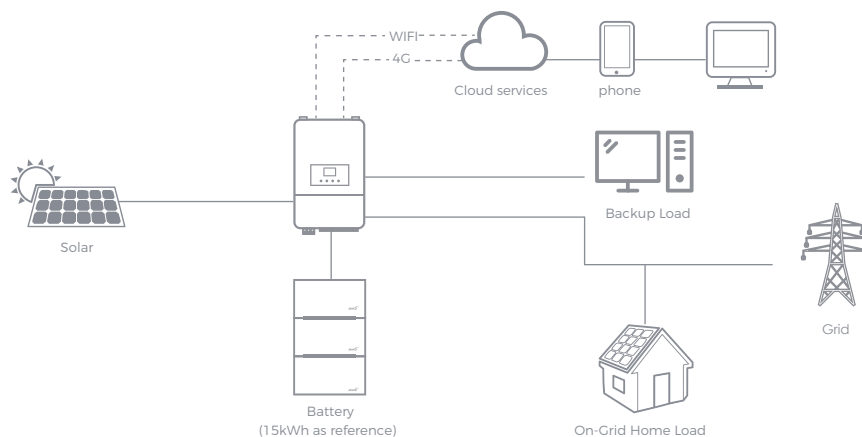
Plug and play connection saves 40% installation time



ONE-STOP SHOP

All-in-one PV+ solution provides packed warranty, one-stop service and support

CIRCUIT DIAGRAM



SPECIFICATIONS

Battery Pack		JKS-B51100-GI
Physical		
Battery Type	LFP(LiFePO4)	
Weight	58kg	
Dimensions [W*H*D]	660*410*210mm	
Enclosure Protection Rating	IP65	
Warranty	10 Years	
Electrical		
Energy Capacity	5.12kWh	
Usable Capacity	4.6kWh	
Cell Capacity	100Ah	
Depth of Discharge(DOD)	90%	
Rated Voltage	51.2 V	
Operation Voltage Range	44.8 V ~ 58.4 V	
Max Parallel Extension	4 Packs(20.48kWh)	
Cycle Life	>6000 cycles	
Operation		
Rated Charge/Discharge Current	50A/100A	
Max. Charge/Discharge Current	100A	
Peak Discharge Current	110A(5s)	
Rated DC Power	5kW	
Operation Temperature Range	-30 ~ 55 C	
Storage Temperature	-10 ~ 45 C	
Humidity	0-90%	
Certification		
Cell Certificates	UL1642, IEC62133, IEC62619, UN38.3	
Pack Certificates	IEC62619, UN38.3	

- 1 Power button
- 2 LED indicator
- 3 Hidden handle
- 4 Hidden cable connection box

