

JKS-B51100-GI

Low Voltage LFP Battery

Solar
JinKO



LONGER LIFESPAN

10-year authoritative warranty 6000 Cycle Life



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 tested at 1200 °C flame



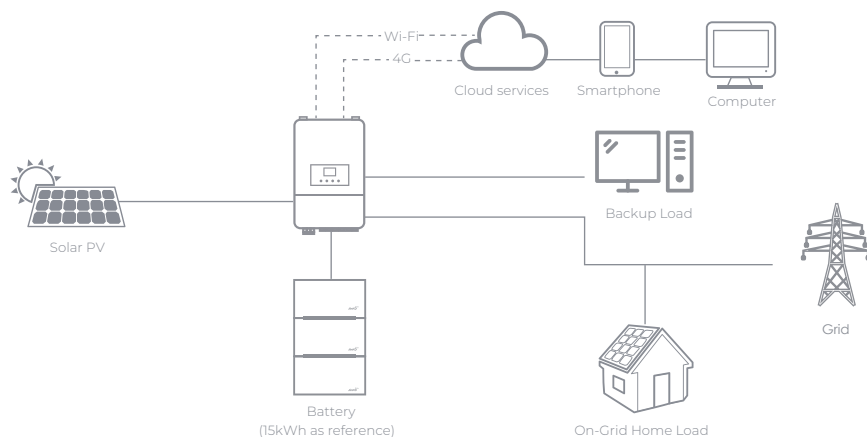
QUICK INSTALLATION

Plug-and-play connection saves 40% installation time



ONE-STOP SHOP

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



Battery Pack

JKS-B51100-GI

Physical

Battery Type	LFP (LiFePO4)
Weight	58 kg
Dimensions [W*H*D]	660*410*210 mm
Enclosure Protection Rating	IP65
Warranty	10 years

Electrical

Energy Capacity	5.12 kWh
Usable Capacity	4.6 kWh
Cell Capacity	100 Ah
Depth of Discharge(DOD)	90 %
Rated Voltage	51.2 V
Operation Voltage Range	44.8 V ~ 58.4 V
Max Parallel Extension	4 packs (20.48 kWh)
Cycle Life	6000 cycles

Operation

Rated Charge/Discharge Current	50 A / 100 A
Max. Charge/Discharge Current	100 A
Peak Discharge Current	110 A (5 s)
Rated DC Power	5 kW
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

