

JKS-B51100-GI

Low Voltage LFP Battery



LONG LIFESPAN

10 years comprehensive warranty with more than 6000 life cycles



UNIQUE SAFETY

Ingression protection class of IP65 for flexible indoor and outdoor installation



PREMIUM SERVICE

Australian-based Local support available 24/7



EXTREME RELIABILITY

Full protections including cell, pack, and communication modules



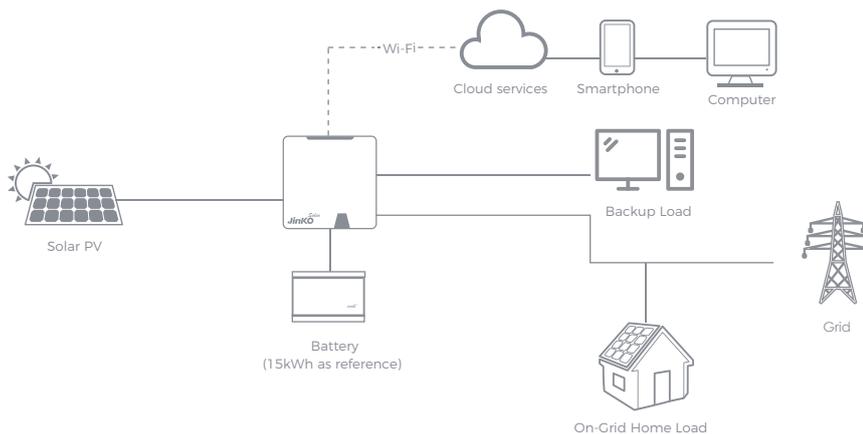
QUICK INSTALLATION

Plug-and-Play connection for 40% less installation time



ALL-IN-ONE SOLUTION

PV+ESS solution for packed warranty and one-stop service and support



SPECIFICATIONS

Battery Pack	JKS-B51100-GI
Electrical	
Energy Capacity	5.12kWh
Usable Capacity	4.6kWh
Rated DC Power ²	5kW
Max. Charging/ Discharging Current ³	95A
Peak Discharg Current	110A (5s)
Max Paralell Extension	4 Packs(20.48kWh)
Cycle Life	>=5000 Cycles
Cell Capacity	4 Packs(20.48kWh)
Depth of Discharge(DOD)	90%
GENERAL	
Battery Type	Cobalt Free Lithium Iron Phosphate (LFP)
Nominal Voltage	51.2V
Operating Voltage Range	44.8 ~ 58.4V
IP Protection	IP65
Installation	Wall-mounted/Floor-standing
Operation Temperature	-30°C ~ 60°C
Storage Temperature	-10°C ~ 45°C
Dimension (W/D/H) ¹	660/210/410mm
Weight	58kg
Humidity	0~90%
FEATURES	
Communication Port	CAN, RS485
Warranty	10 Years
CERTIFICATION	
Cell Certificates	UL1642, IEC62133, IEC62619, UN38.3
Pack Certificates	IEC62619, UN38.3

¹ For floor-standing, we suggest to use battery base (W/D/H: 660/210/60mm), and battery cover (W/D/H: 660/210/40mm).

² The suggested charging temperature is -20°C ~ 50°C, whereas the suggested discharging temperature is 0°C ~ 50°C.

³ Recommended Charging/Discharging rate at 0.5C.

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

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- 1 Battery SOC Indicator Button
- 2 Battery SOC Indicator
- 3 Hidden cable connection box

