

JKS-B51100-II

Low Voltage LFP Battery

Solar
JinKO



BATTERY RELIABILITY & SAFETY

LFP technology



QUICK INSTALLATION

Plug and plug connection, flexibly stackable



EASY TRANSPORTATION

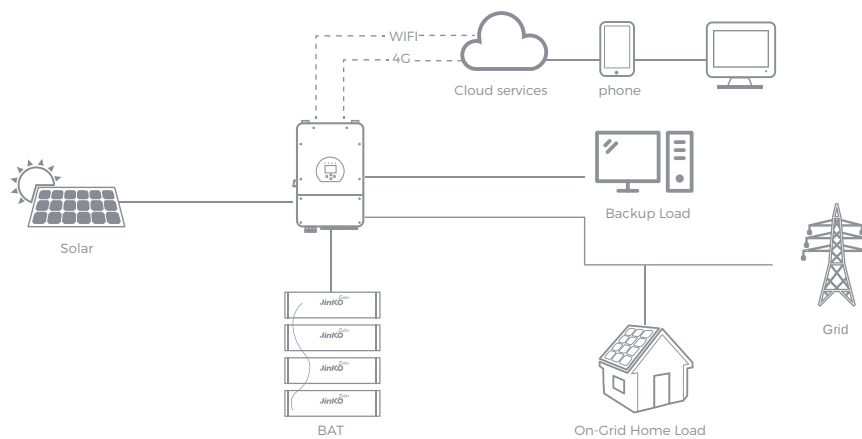
Compact and light weight



SCALABLE EXPANSION

Stacked against requirement

CIRCUIT DIAGRAM



SPECIFICATIONS

Datasheet	JKS-B51100-II
Cell Technology	Lithium Iron Phosphate
Nominal Capacity	5.12kWh
Depth of Charge	80%
Usable Capacity	4.1kWh
Charge Voltage	56.4V
Discharge Voltage	48V
Nominal Voltage	51.2V
Max Parallel Quantity	16
Life Cycles	5000 Cycles ^[1]
Charge/Discharge Current	"Recommend 50A (0.5C) Max 100 (1C)"
Communication Port	RS485 & CAN
Weight	41kg
Dimensions (W*H*D)	442*133*440 (±2mm)
Operating Temperature	Charge: -5℃~+45℃ Discharge: -20℃~+50℃
Recommend Operating Temperature	Charge: +15℃~+35℃ Discharge: +15℃~+35℃ Storage: -20℃~+35℃
Humidity	5%-95%
Altitude	≤4000m
Certificate	IEC 62619/CE-EMC/UN38.3
Warranty	5 years

[1] 0.5C, 25℃, 80%DOD, 70%EOL

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