

JKS-B48100-HI

Low Voltage LFP Battery



MODULAR DESIGN

Modular Design with 4.8kWh per unit, easy for installation to stack



LONGER BATTERY LIFE-SPAN

More than 6000 cycles backed up 10 years warranty



BATTERY RELIABILITY & PERFORMANCE

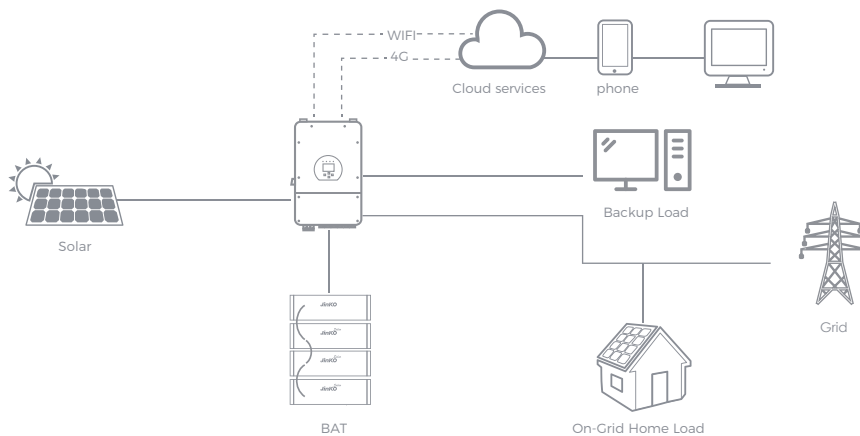
Built-in battery management system with better energy monitoring and battery performance



BETTER SAFETY & PROTECTION

LFP cell material with built-in excess voltage, under voltage, excess current, over temperature, reverse connection protection, and so on

CIRCUIT DIAGRAM



SPECIFICATIONS

Battery Pack	JKS-B48100-HI
Physical	
Battery Type	LFP (LiFePO4)
Weight	41±2 kg
Dimensions [W*H*D]	442*430*130.5 (±2) mm
Enclosure Protection Rating	IP20
Warranty	10 years
Electrical	
Energy Capacity	4.8kWh
Usable Capacity	>4.5kWh (25°C)
Cell Capacity	100Ah
Rated Voltage	48V
Operation Voltage Range	40.5~54V
Cycle Life ^[1]	6000
Operation	
Recommended Charge Current	50A
Recommended Discharge Current	50A
Max. Charge Current	100A
Max. Discharge Current	100A
Peak Discharge Current	300A
Charging Temperature Range	0°C ~ 55°C
Discharging Temperature Range	-20°C ~ 60°C
Storage Temperature	0°C ~ 30°C
Humidity	5%~95%
Certification	
Cell Certificates	IEC62619 CE UN38.3
Pack Certificates	IEC62619 CE UN38.3

[1] Test condition 0.5C, 25°C, 80%DOD, EOL70%

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

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