

Wall Mounted Battery

B5K-XWLA



- Dynamic recognition and automatic parallel operation, without dialing codes
- Multi-machine linkage on/off machine
- Standard Bluetooth, upgrade within 1m, and monitor within 3m
- APP supports matching different brands of PCS protocols



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

Model	B5K-XWLA
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Electrical Characteristics

Rated Voltage	51.2V
Operating Voltage Range	40~58.4Vdc
Cell Combination	16S/1P
Rated Capacity	100Ah
Total Energy	5.12KWh
Max Number Of Expansions	16
Cycle Life	Capacity Decay To 80Ah, Cycle Number ≥6000 Times @ 90% DOD @ Charge And Discharge 0.5C @ 25±2°C
Self Discharge	Working<50mA; Sleep<400uA
Balanced Approach	Active Balancing
Shipping Capacity	SOC 50%

Charge/Discharge Standards

Charging Voltage	54.5V
Max Continuous Charging Current	100A
Max Discharge Continuous Current	100A
Discharge Cut-Off Voltage	40V
Discharge Cut-Off Voltage	58.4V

Environment

Charging Operating Temperature	0~55°C≤90% ROH
Discharge Operating Temperature	-10~55°C≤90% ROH
Storage Temperature	-20~60°C

Mechanical

Protection Level	IP21
Cell Material	LiFePO4
Housing Material	Metal
Chassis Style	Wall Mount
Product Size (L*W*D mm)	620*470*165 mm
Packing Size (L*W*D mm)	702*552*255 mm
Net Weight	49kg
Gross Weight	57.95kg

Communications

Protocol	RS485/CAN
Wireless Monitoring	Bluetooth as Standard (4G Optional)
Charge/Discharge Standards	UN38.3 / MSDS / EN IEC 61000-6-3:2021 / CE