

Wall Mounted Battery

B5.12K-XWLE



- IP65 High level protection
- Convenient to PLUG IN/OUT
- 6000 cycles life
- Precise Battery Management Technology
- High-density LiFePO4 battery, safer to use
- Possess industry-leading BMS technology
- Compatible with mainstream inverters
- DOD 80% ,extend battery life



Stable Power Supply



Precise Management



High Utilization



Long Life Cycle

Model	B5.12K-XWLE
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Basic Information	
Nominal Voltage	51.2V DC
Voltage Range	44V-58.4V
Nominal Capacity	100Ah
Rated Capacity	5.12kwh
Communication Protocol	CAN/RS485/RS232
Max. Number Of Parallel Connections	15
Cycle Life	6000 Cycles (@80% DoD)
Protection Mechanism	Temperature Protection/Over-Current Protection/Short-Circuit Protection Over-Charge Protection/Over-Discharge Protection/Low-voltage Protection

Charging Parameters	
Recommended Charging Current	50A
Max. Charging Current	100A
Recommended Charging Voltage	58V
Max. Charging Voltage	58.4V

Discharging Parameters	
Recommended Discharging Current	50A
Max. Discharging Current	100A
Recommended Battery Discharge Cut-Off Voltage	44V
Battery Cut-Off Voltage	43.2V
Battery Recovery Voltage	48V

General Parameters	
Dimension[W*H*D](mm)	600*480*189mm
Gross/Net Weight	55kg/52.6kg
Shell Material	Sheet Metal
Protection Rating	IP65
Installation Method	Wall-mounted + Floor Type
Cell Type	LiFePO4

Certification & Safety Standard	
Safety Certification	CE
Transportation Safety Certification	UN38.3,Class9

Temperature Parameters	
Discharging Temperature	-20~65℃
Charging Temperature	0~55℃
Storage Temperature	-20~45℃