

# 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

#### 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°C
Charging Temperature	0~55°C
Storage Temperature	-20~45°C