

# **Wall Mounted Lithium Battery**

## 48V 100AH 4.8KWH

 Safety and Intelligent Long life LiFePO4 cells, high energy density, build in BMS and passive protection

 Easy to Install and Use Modular design, simple operation

· Long Life Span 10 years design life, more than 6000cycles

Adaptable to Harsh Environment
Adapt to wide range of temperature and humidity

#### Support Bluetooth/WIFI function (optional)

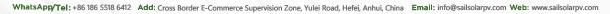
Can be controlled remotely to reduce operation and maintenance costs

• Multi-scenario application Household use, small industrial and commercial applications





SAIL SOLAR



#### **Technical Parameters**

Nominal voltage	48\
Nominal capacity	100AH
Energy	4.8kwh
Interal Resistance	≤200mΩ
Cycle Life	>6000 cycles @ 0.2C 80%D.O.E
Months Self Discharge	<3%
Efficiency of Charge	99.5%@ 0.20
Effciency of Discharge	96-99%@ 10
Charge Voltage	54.75±0.5\
Charge Mode	CC/CV
Charger Current	204
Max Charge Current	1004
Charge Cut-off Voltage	54.75
Continuous discharge Current	204
max discharge Current	1004
Discharge Cut-off Voltage	40.5\
Charge Temperature	0 °C to 45 °C
Discharge Temperature	-20 °C to 55 °C
Storage Temperature	-10 °C to 40 °C
Water Dust Resistance	IP20(IP54 OPTIONAL
Cell & Method	EVE 3.2V100Ah-15S1F
Size (mm)	600*440*168(D*W*H
Weight (kg)	47КС
Terminal	1004
Protocol (optional)	RS232/RS485/CAN/BLUETOOTH/WIF
BMS	1004
Safety & Certification	CELL:UL1642/UL1973/IEC62619/CE/CB/UN38.3/UL9540/ROHS/REACH
Wooden box package size (mm)	940*555*405
Quantity of loading	120pcs/20ft 240pcs/40f

#### Notes

\*1 Test conditions: Based on the factory date, charge and discharge rate at 0.2C at 100% discharge depth (DoD) and 25  $^\circ$ C

\*2 The weight of the battery module is based on the actual product, with a tolerance of ± 3% allowed

\*3 The installation of battery packs is related to product quality assurance, safe and stable operation. Please follow the requirements of

the user manual for standardized installation, use, and routine maintenance

### **Compatibility Inverters**



\*Only a part of inverter brands are shown, please contact us for more information.

