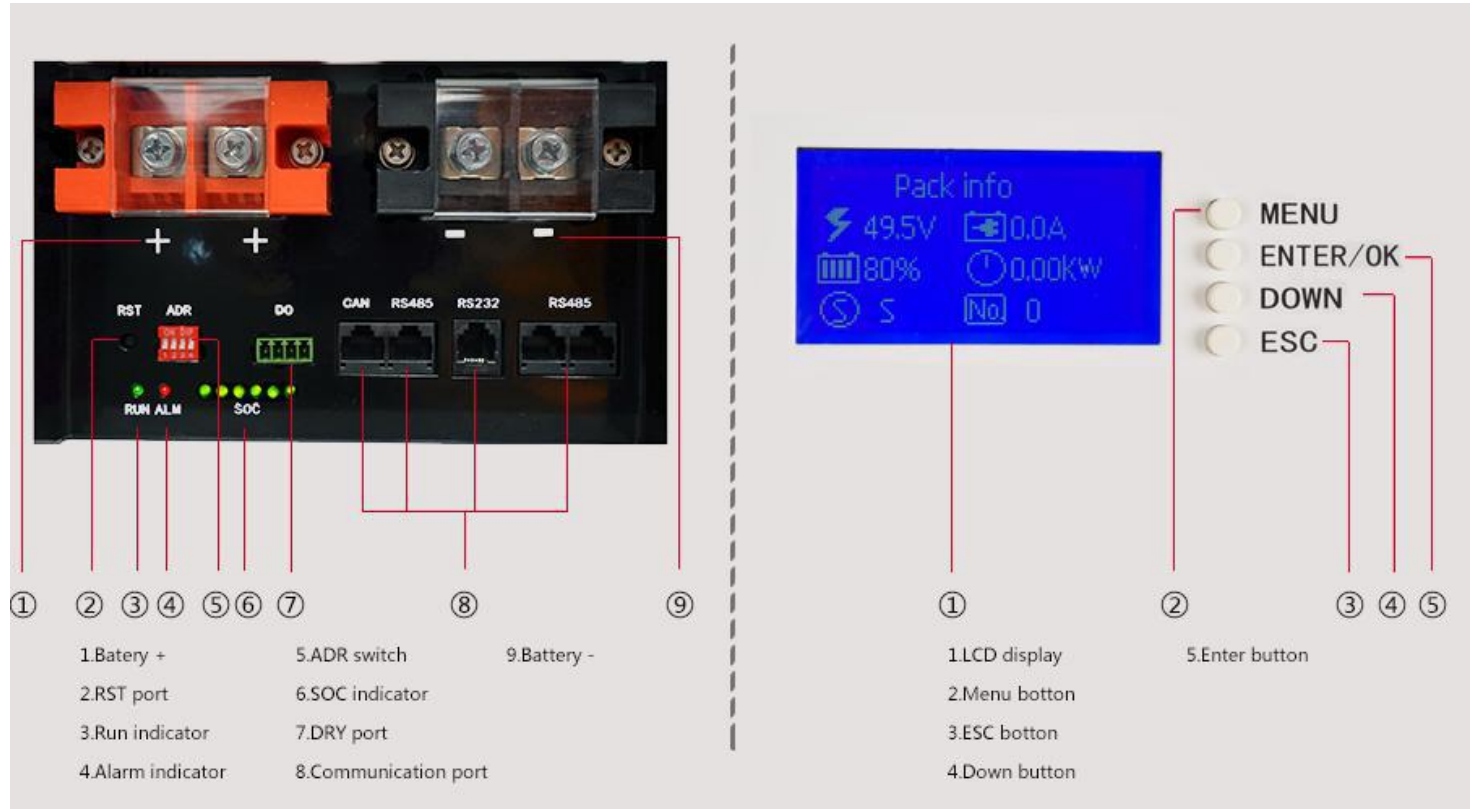


## 5kW LiFePO4 Wall mounted home energy storage battery



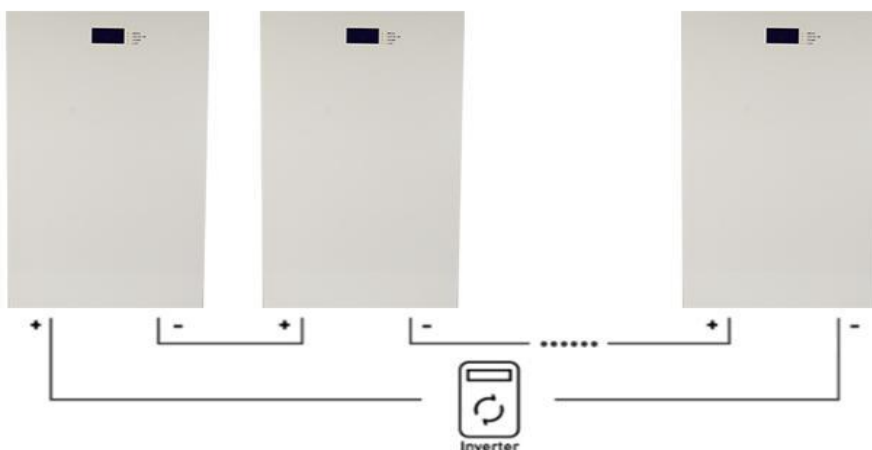
It is a perfect wall-mounted solar energy lithium battery for residential home use. Built-in with High-Quality LiFePO4 large capacity cells. It ensures a long cycle life of the battery system. The designed BMS is verified to become compatible with different brands of inverters, hybrid on grid&off grid or off grid.

### Product diagram



### Flexible parallel

MAX SUPPORT **16** UNITS PARALLEL CONNECTION



Max76.8KWH 48VDC 1600AH

## Electrical characteristics

Model	51.2V100Ah
Nominal energy	5.12KWh
Usable energy (90%DOD)	4.6KWh
Roundtrip efficiency	> 95%
Rated charge/discharge current	50 A
Max. charge/discharge current	100 A
Communication interface	CAN,RS485,RS232
match with hybrid inverter brand	Growatt,Goodwe,Deye and other main brand
Scalability	Max 30kwh
Dimensions (W*H*D, mm)	450x815x113mm
Weight	50KG

## Operating conditions

Installation location	Wall mounted
Operating temperature	charge :0°C~+45°C discharge:-20°C~+45°C
Storage temperature	+10°C~+40°C
Humidity	5%-95%
Altitude	≤ 4000 m
Cooling	Natural cooling

## Certificates

Safety	IEC62619/EMC
Transport	UN38.3

## Application

