

# Wall Mount & Floor Stand 51.2V 100Ah LiFePO4 Battery



battery BMS supports simultaneous communication and docking with multiple inverter brands



## Super Points: ONE Battery For Multiple Brand Inverters

### Product advantages

#### Long cycle life

Using high-quality lithium iron phosphate batteries, the cycle life is more than 6000 times at 80%DOD, and can be used for 10-15 years



**High quality prismatic lithium iron phosphate battery**  
Higher capacity, higher current, longer life

#### Low internal resistance and high current

Low internal resistance of the battery, excellent continuous high current discharge performance

#### Intelligent BMS battery protection

Built-in intelligent BMS (battery management system), effectively avoiding overcharge, overdischarge, overcurrent, short-circuit, balance and other problems



**Communicated with multiple brands inverter same time**

battery BMS supports simultaneous communication and docking with multiple brands inverter

#### Good safety performance

Extreme safety test, no fire, no explosion, no leakage

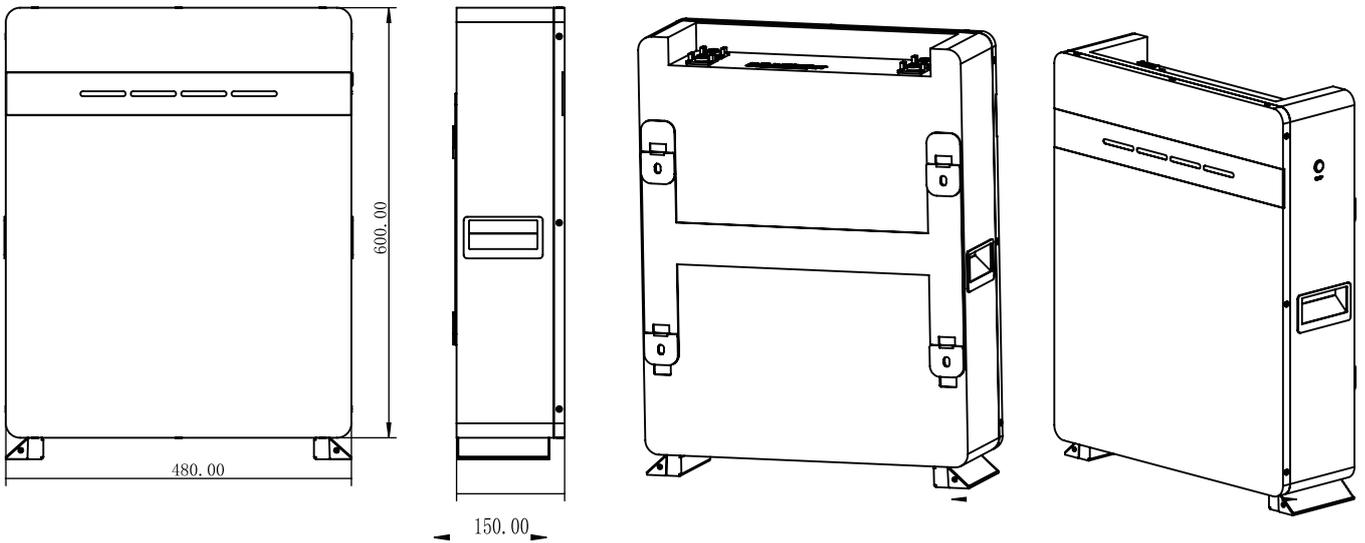


Two Mounting Method  
 1 Wall Mount with Wall Bracket  
 2 Floor Stand With Detachable Floor Bracket

## Parameters

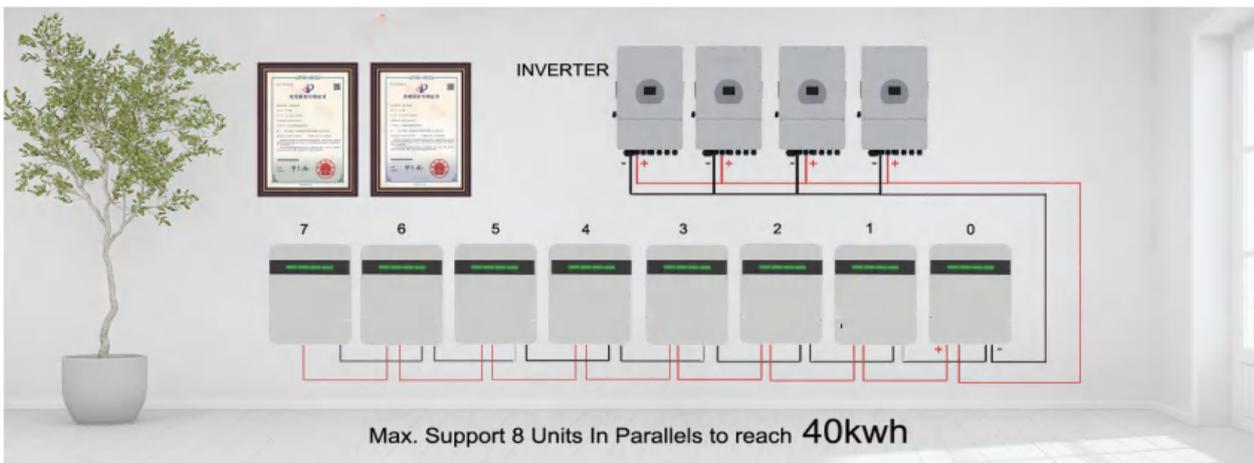
Product model	ES-BOX12
Product specification	51.2V 100Ah
Nominal voltage	51.2V
Nominal capacity	100Ah
Cell type	(LFP)
Charge Voltage	55.2V-56VDC
Max charge current	100A
Discharge cut-off voltage	44.8V
Max discharge current	100A
Parallels Function	Support 8 units in parallels
Communication interface	RS485、RS232、CAN(Optional)
Cycle life	≥ 6000 Cycles (80%DOD)
Charge temperature range	0~65°C
Discharge temperature range	-20~65°C
Colour	(Grey and white)
Dimensions	480*600*150MM
Weight	48Kg
Installation method	Wall mounted / Floor Stand
Warranty	5 Years

## Drawing



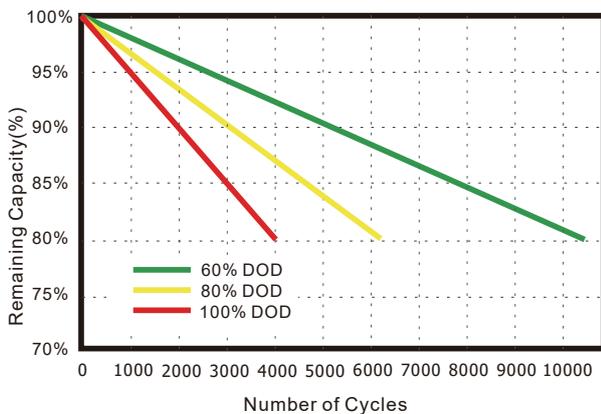
## Parallel Connection Of Batteries

Connect the positive pole and positive pole in parallel, and the negative pole and negative pole in parallel, as shown in the figure below



## Cycle Life Curve

- Different discharge depth life curves & 25°C 0.5C



- Different discharge depth life curves & 40°C 0.5C

