

# FE-48V200Ah

## LiFePO<sub>4</sub> Battery Module

### Brief Introduction

LiFePO<sub>4</sub> battery module is a high-tech product, which is developed and manufactured . The product is mainly used in backup power of telecommunication field.It can be connected in parallel.

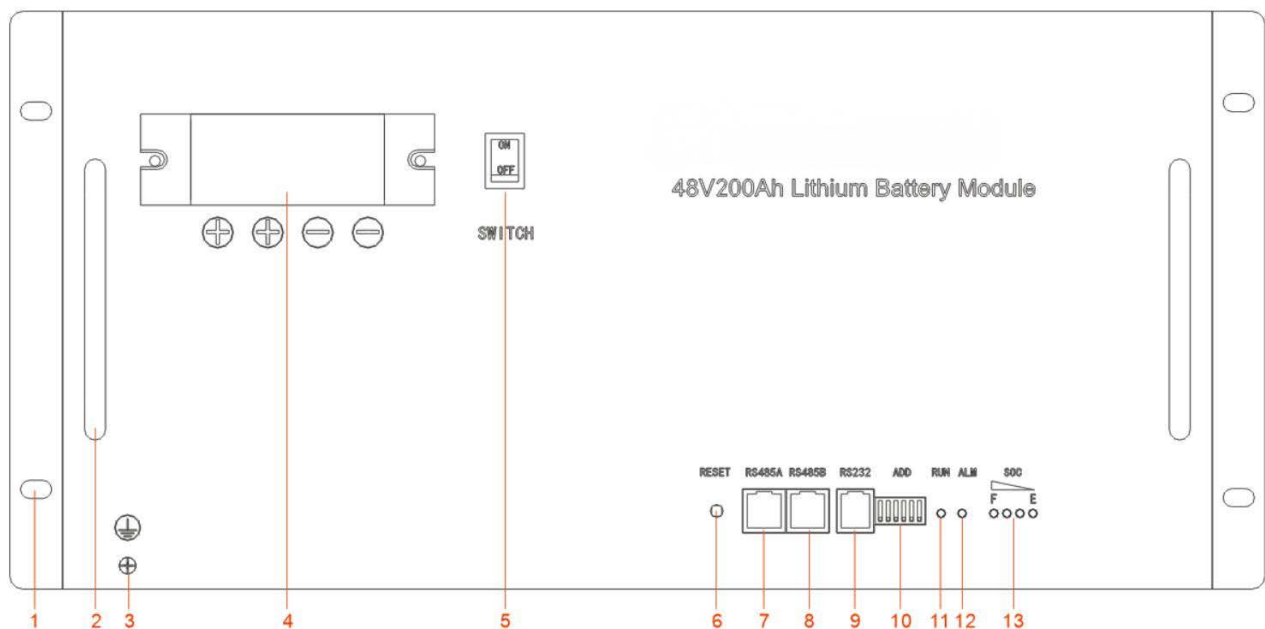


### Parameter

	Item	Description
Basic parameter	Model	FE-48V200Ah
	Anode	LiFePO <sub>4</sub>
	Nominal voltage	51.2Vdc
	Working voltage	43.2Vdc ~ 56.8Vdc
	Max charge/discharge current	200A / 200A , @25°C
	Weight	90kg
	Size (W*D*H)	482mm*570mm*223mm
	Self discharge @25°C	< 5% in 90-day storage
	Comm. way	RS485、RS232
	Function	over tempt, over current, short circuit, over discharge etc.
	Cell	3.2V100Ah (2P16S)
	Working humidity	Charge: 0°C ~ 65°C; Discharge: -20°C ~ 65°C
	Relative humidity	5% ~ 95%
	Altitude	0 ~ 4000m

## Product Features

- New model LiFePO4 battery, reliable, long life time
- High energy density, stable discharging stage, reduce the service rate of base station
- Module design, increase output power and capacity by series and parallel connection according to actual requirements
- Support high rate discharging, high efficiency
- Environmentally friendly, wide work temperature
- Comprehensive protection functions (over voltage, under voltage, short circuit, reverse connection, over load, over current, high and low temperature, balancing, dormancy)
- Intelligent design, have functions of remote test, communication, control and adjustment
- RS232 and RS485 interface, can be connected to station monitoring platform
- LED light indication, full vision of operation
- Match the previous lead acid battery switching power supply system by adjusting the parameters such as charging and discharging voltage
- Especially suitable for places which are often out of power and wind and solar base station



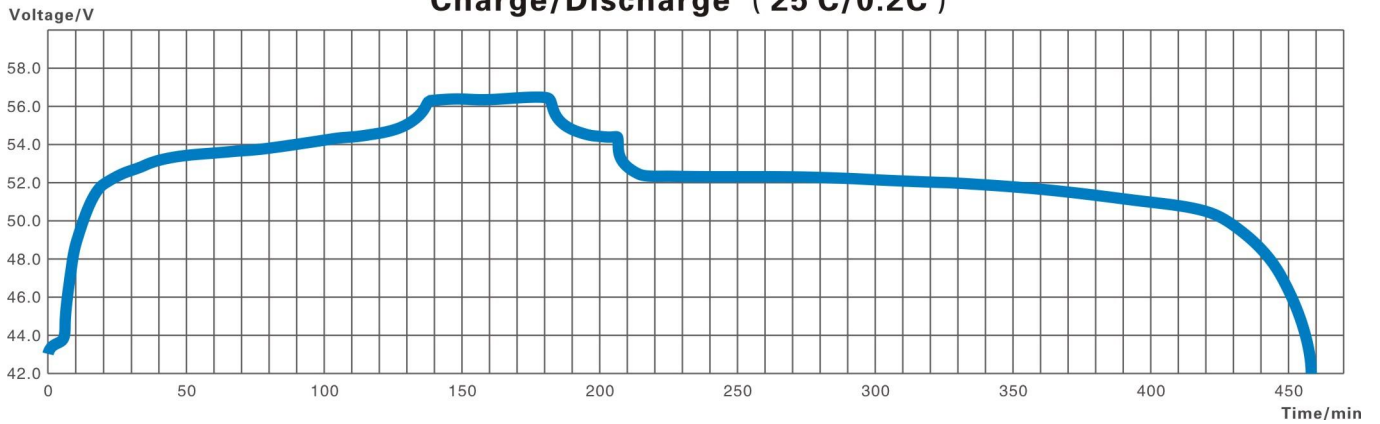
- 1- Hanger
- 2- Handle
- 3- Ground
- 4- Line bank
- 5- System Switch

- 6- Reset switch
- 7- RS485A
- 8- RS485B
- 9- RS232

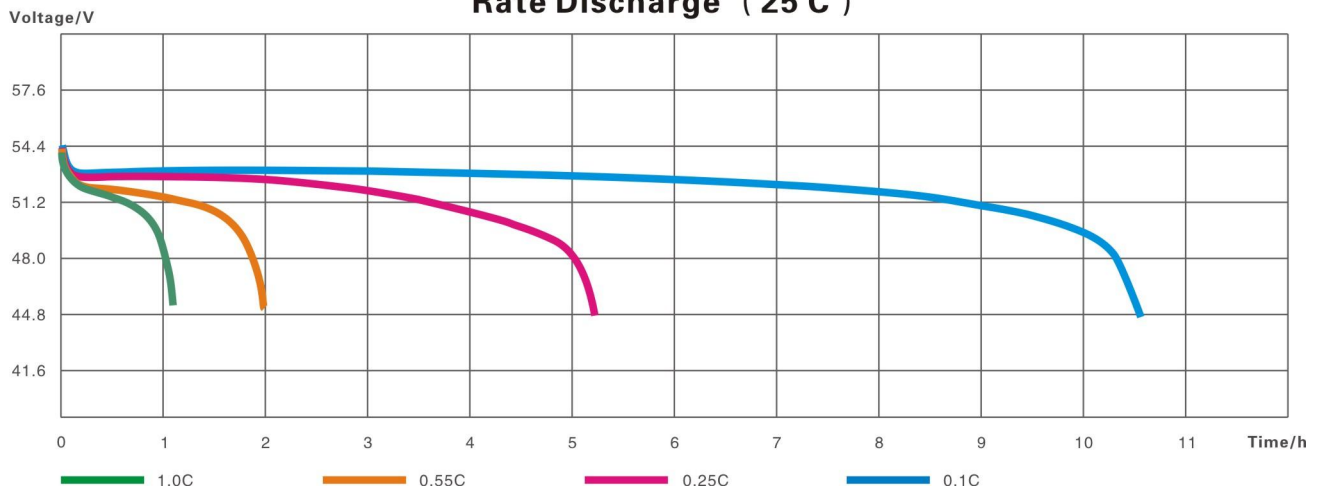
- 10- Address switch
- 11- Working light
- 12- Alarming light
- 13- Power light

## Characteristic Curve

### Charge/Discharge ( 25°C/0.2C )



### Rate Discharge ( 25°C )



### Discharge Capacity

