

# Lithium iron phosphate LiFe-Po4

Communication backup ,UPS and solar inverter lithium ion battery

## Product features

- It has high energy density, small size, light weight, excellent safety performance and high reliability, long calendar life, intelligent management system, and green environmental protection energy
- Battery balancing technology: active or passive balancing technology can effectively solve the consistency problem of lithium-ion batteries, and the technology can be customized according to customer requirements
- Charging current limit (optional) : this function can avoid the current shock caused by switching power supply starting, and also can solve the circulation problem caused by the inconsistent voltage between parallel batteries.
- Lifting capacity through parallel connection: the amount of lifting can be achieved through the parallel connection of the batteries below 8 groups, so as to meet the requirement of large capacity energy storage.
- SOC self-learning technology: the capacity of the battery can be calculated through real-time data collection, and the charged state data of the battery pack can be automatically corrected
- Heating film (optional) : at low temperature, the auxiliary heating film will start to heat the battery surface to ensure the battery pack capacity.
- Alarm function: in addition to the most basic protection alarm, BMS can transmit information such as power cut, low voltage and access control alarm to the moving ring monitoring system
- LCD display function: an external LCD display (optional) can display battery bank voltage, battery voltage, battery temperature, battery charge status, alarm and protection information, etc
- Other functions: sending alarm, pre-charging, data storage, battery capacity and indication of running state

## Application area:

- FTTB FTTX RRU BBU and other small areas of mobile communications
- High voltage direct current supply backup power
- Communication base station
- UPS power supply
- Center room
- Solar system
- Other areas of communications backup power



Item	Model	Rated voltage ( V )	Nominal capacity ( Ah )	Dimensions ( MM )			Weight ( K g )
				Length	Width	Height	
1	BK4850	48	50	482.6	420	132	2
2	BK48100	48	100	482.6	420	220	52
3	BK48150	48	150	482.6	420	310.3	3
4	BK48200	48	200	482.6	400	443.	104

Note: it can be customized according to customer requirements