

Product advantages: BMS can reduce the number of strings, be compatible with other batteries, with a minimum of 2S, support extended series and improve parallel efficiency. It can be used to repair small capacity batteries and can also be used in parallel with BMS long-term fixed battery pack. Because the chip setting logic is that the greater the voltage difference is, the greater the balance current is, and the long-term fixation will not cause damage to the battery. ETA3000 is selected as the balanced plan, which is mature and stable. If you need this document, please contact us.

Applicable battery: 3.2V/3.65V/3.7V/4.2V lithium battery or lithium iron phosphate

Not suitable for: fara capacitor, lithium titanate battery

Balancing mode: inductive active energy transfer

Equilibrium efficiency: 92%

Equalization logic: take two adjacent batteries as the unit, and carry out multiple columns simultaneously

Trigger condition: adjacent pressure difference > 0.1V

Equalization current: 1A (Adjacent voltage difference is greater than 0.3V)

Equalization stop: adjacent pressure difference < 0.03V

Equalization period: full voltage (including charging, discharging and idle)

Low voltage protection: battery voltage below 2.5V

Sleeping power: 2uA low power consumption, the battery can be idle for a long time

Equilibrium indicator: When the LED is on, it indicates that it is in balance. When the LED is off, the balance stops. When the LED light flashes, it indicates that the internal resistance of the battery is large, open circuit or suspended.

installation: suitable for long-term use of internal battery installation, with low power consumption, low heating, high safety and stability.

Other Instructions: Use in conjunction with protective plate or protective plate with passive balance, and do not affect each other

Wiring logic: take No. 0 (B-) as the total negative terminal to connect in the forward direction, not out of order or reverse connection

Compatible use

3S: 2S~3S

4S: 2S~4S

6S: 2S~6S

7S: 2S~7S

8S: 2S~8S

10S: 2S~10S

12S: 2S~12S

13S: 2S~13S

14S: 2S~14S

16S: 2S~16S

17S: 2S~17S

20S: 2S~20S

21S: 2S~21S

24S: 2S~24S

4S+4S=7S

4S+21S=24S