



### **BMS – BATTERY MANAGEMENT SYSTEM 3-SERIES 30A**

3 series or lithium battery protection boards, suitable for nominal voltage 10.8V lithium battery pack, 11.1V lithium battery pack, 12.6V lithium battery pack. With automatic activation function, the protection will be automatically cancelled after the protection conditions are restored, without the need for charger activation, which is more convenient to use.

#### **Module name: YH11047A**

Overcharge detection voltage:  $4.25 \pm 0.025V$

Overcharge release voltage:  $4.15 \pm 0.05V$

Over-discharge detection voltage:  $2.50 \pm 0.08V$

Over-discharge release voltage:  $3.00 \pm 0.1V$

Overcurrent current: 20-30A

Working current: 15A (nominal 10A), at 15A extra cooling is required, maximum peak current 30A)

Release condition: the protection condition is released and automatically restored without activation (optional charger activation)

Main functions: overcharge protection, over-discharge protection, short circuit protection, overcurrent protection.

Working temperature: -40~+85 degrees (please strengthen heat dissipation when the ambient temperature is too high)

No part design on the back, can be attached to the heat sink to ensure that large currents to work long hours. Lift Condition: Protecting release the auto recovery, without activation

Module size: 50mm\*22mm\*4mm

Wiring Diagram 3S:

