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3S 10A Li-ion Battery Protection Board BMS PCM HX-3S-01



₱ **169.75**

In stock



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DESCRIPTION

3S 10A Li-ion Battery Protection Board BMS PCM HX-3S-01

Features:

- Three series of lithium battery protection board.
- Automatically cancel protection after protection conditions restore.
- With function of overcharge protection, over discharge protection, short circuit protection, over-current protection.
- Suitable for lithium battery pack of 11.1V, 12V, 12.6V.
- Quiescent current < 30uA, so power consumption is small.

Specifications:

- Model: HX-3S-01
- Dimensions: 50 x 16 x 1mm
- Over voltage range: 4.25-4.35v±0.05v
- Over discharge voltage range: 2.3-3.0v±0.05v
- Maximum operating current: 6-8A
- Maximum transient current: #1: 9-10A, #2:10-13A
- Quiescent current: < 30uA
- Internal resistance: < 100mΩ
- Charging voltage: 12.6v – 13V
- Working temperature: -40~+50°C
- Storage condition: -40~ +80°C
- Effective life: >30000h
- Short circuit protection: Yes, delayed self recovery

Notes:

1. Higher than 3A current discharge product, the discharge rate of battery discharge is above 3C.
2. Multiplier calculation formula: 1C battery, 2000 capacity is equal to $2\text{AH} * 1 = 2\text{A}$ maximum working current.
3. 3C ratio battery, 2000 capacity is equal to $2\text{AH} * 3 = 6\text{A}$ maximum working current.
4. In the process of use, if the battery heat, the battery power is not applicable. This situation cannot be used for a long time. Otherwise, the battery will soon be damaged.

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