

DALY JA30 Heating Module

Official web specification archive

Heating module



Manufacturer	Dongguan DALY Electronics Co., Ltd.
Model / rating	JA30 / heating current 25 A
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Official specification article: <https://www.dalybms.com/news/product-specification-confirmation-heating-module/>

Official product page: <https://www.dalybms.com/daly-heating-module-for-bms-product/>

1. Notes

1. Please respond to DALY after receiving sample boards and confirm whether the samples are acceptable. The image in the specification is a common model image and may differ from the shipped sample. DALY states that the specification is its property and that it retains final interpretation of the parameters.
2. Sign and return the specification to DALY before mass production, with the detailed function description recorded in the specification.

2. Product description

Heating power: the charger or the battery itself is used to provide heat.

Heating logic: connect the charger.

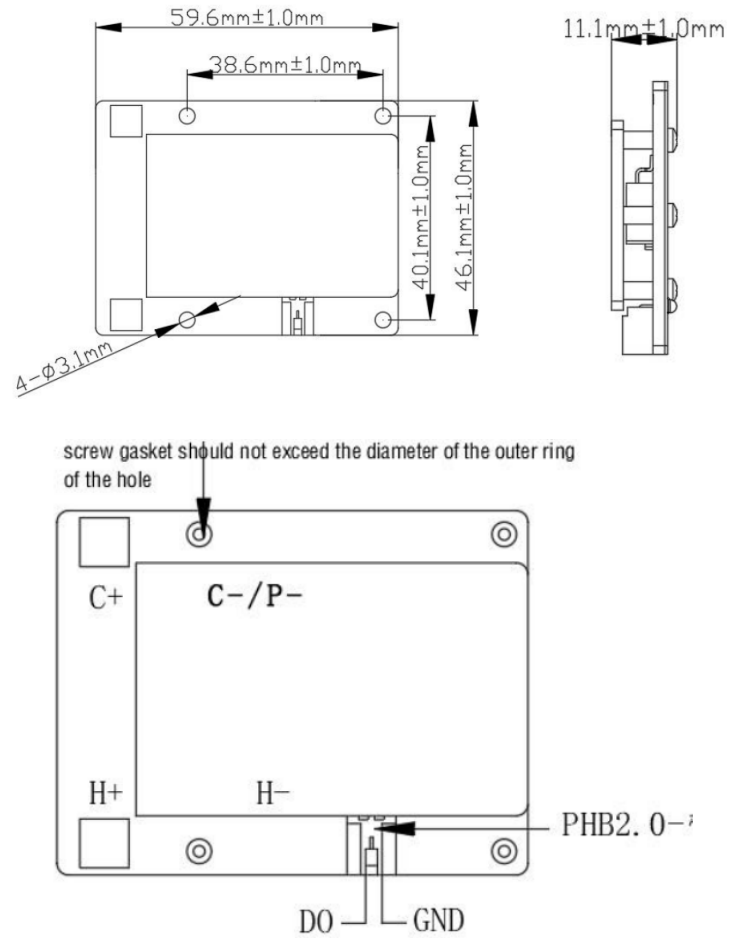
A. When ambient temperature is below the configured threshold, heating starts and charging/discharging is disconnected.

B. When ambient temperature is above the configured threshold, heating is disconnected and charging/discharging is enabled.

The heating module is separate from the protection board but is controlled by the protection board.

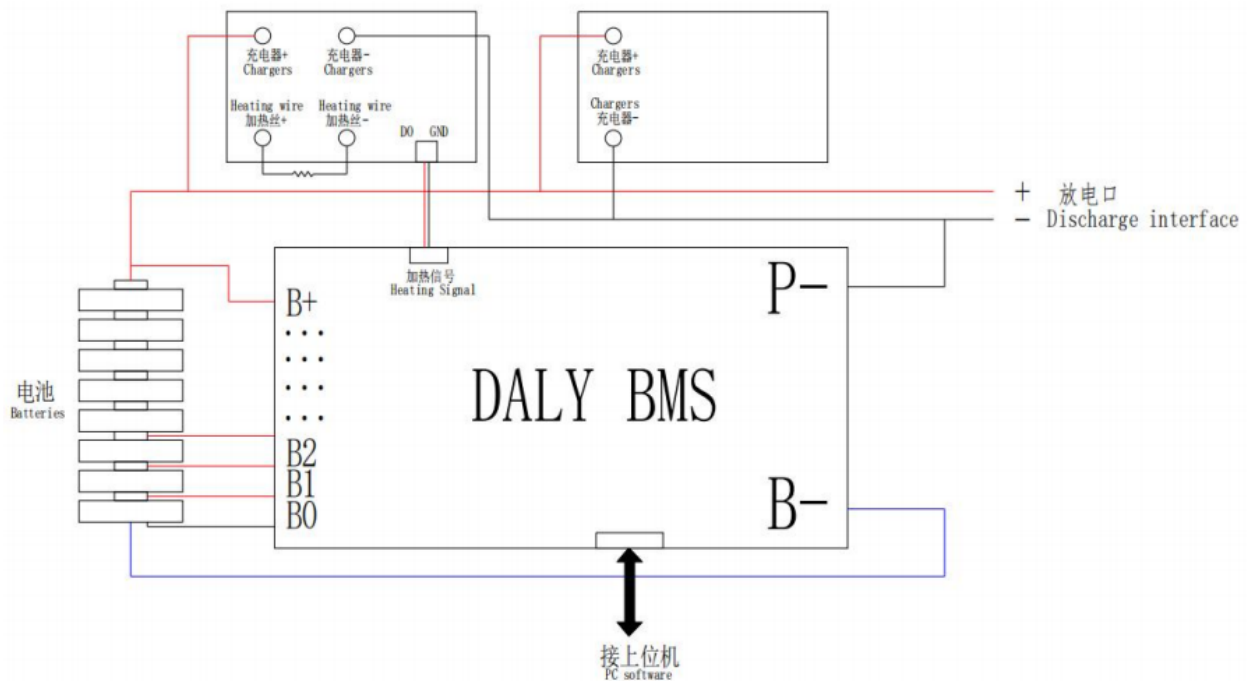
The heating current is not displayed by Bluetooth, LCD, monitor or PC software.

3. Product specification



Published drawing dimensions: $59.6 \pm 1.0\text{ mm} \times 46.1 \pm 1.0\text{ mm} \times 11.1 \pm 1.0\text{ mm}$; mounting-hole spacing $38.6 \pm 1.0\text{ mm} \times 40.1 \pm 1.0\text{ mm}$; four $\text{Ø}3.1\text{ mm}$ holes. Terminals are marked C+, C-/P-, H+, H-, DO and GND.

4. Wiring diagram



The official diagram shows the heating module connected to the charger, heating film, DALY BMS heating-signal port and the pack discharge interface. Follow the terminal markings on the actual module and use the matching cable.

5. Warranty

DALY states a one-year warranty for its heating modules. Damage caused by human factors is serviced on a paid basis.

6. Attention items

1. Cables from different manufacturers are not interchangeable; use the matching cable.
2. Use electrostatic-discharge precautions during testing, installation, contact and operation.
3. Do not allow the heat-dissipation surface of the protection board to contact a battery cell directly, because heat transfer may affect battery safety.
4. Do not disassemble the protection board or alter its components.
5. If the protection board behaves abnormally, stop using it and resume only after it has been checked and confirmed safe.

Archive provenance

Source text: official DALY specification article. Product image: official DALY product page. Dimensional drawings and wiring diagram: official DALY article assets. This archive adds layout, source metadata and the explicit archival disclaimer; it does not claim to be the original DALY PDF.