

BMS 2S 18650 Lithium Battery Protection Module

7.4V / 8.4V (8A)

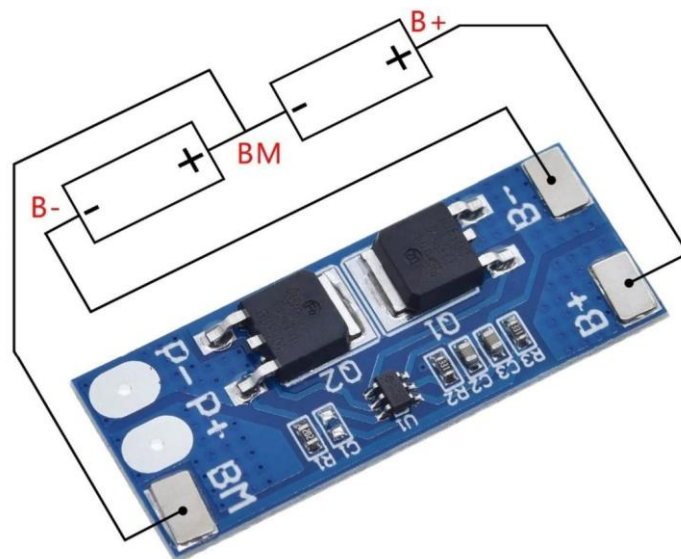
BMS 2S 8A 8.4V 18650 Lithium Battery Charger Board Protection Module has the main lithium original “protection components”. With overcharge, over-discharge, overcurrent, short circuit protection function, for a variety of different shapes of 3.7V capacity lithium batteries. Using the Japanese precision protection IC, VISHAY, AOS, IR and other high-quality MOSFET, and low-temperature coefficient of the plate, well-designed, comprehensive test. Compact size, suitable for many requirements of high integration, low-cost occasions, can meet the performance requirements of many aspects, to ensure the absolute safety of the battery group.

Protections:

1. Short circuit protection
2. Overcharge protection
3. Over-discharge protection
4. Over-current protection

Connections:

- **MB:** The common connection point between the batteries
- **B+:** Battery positive
- **B-:** Battery negative
- **P+:** Charging positive
- **P-:** Charging negative



Specifications:

1. Maximum Working Current: 8A
2. Transient Current: 10A
3. Operating Temperature: -40 ~ 50°C
4. Internal Resistance: Less than 45mΩ
5. B+: The interface of battery core
6. P+: The connector of the battery board

Package Includes:

1 × 2S 8A 8.4V 18650 Lithium Battery Charger Board Protection Module

Detailed Specs Table:

- **Battery:** 2 Cell
- **Input Voltage (V):** 8.4 ~ 9
- **Overcharge detection voltage (V):** 4.25 ± 0.025
- **Over-discharge detection voltage (V):** 4.25 ± 0.025
- **Over current Protection (A):** 10
- **Working current (A):** 8
- **Operating Temperature (°C):** -40 ~ 50
- **Length (mm):** 38.5
- **Width (mm):** 8
- **Height (mm):** 2.3
- **Weight (gm):** 2.55
- **Shipment Weight:** 0.01 kg
- **Shipment Dimensions:** 15 × 10 × 6 cm