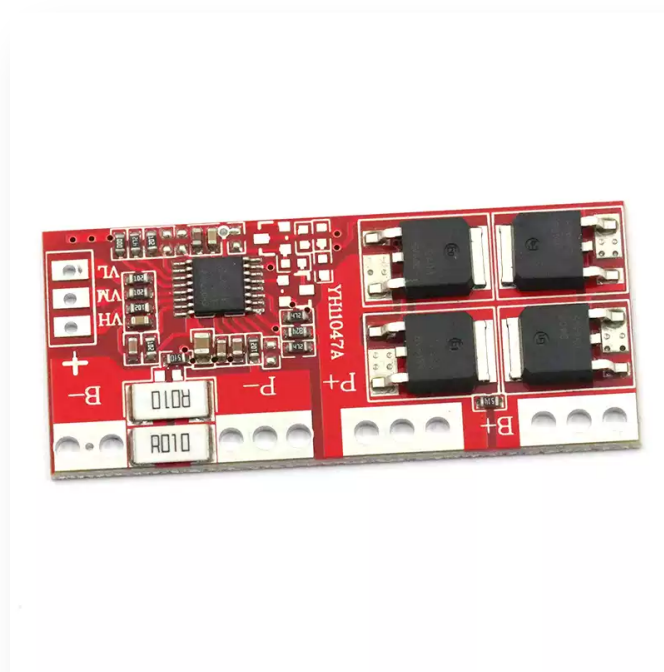


3S / 30 A Lithium Battery Protection Board

Automatic-recovery BMS for 10.8 V nominal and 12.6 V full-charge packs



Product Overview

A compact power-electronics module documented from the supplied archived product page. The specifications below separate confirmed ratings from operating guidance and identify the exact module variant where the source page contains multiple options.

Electrical and Mechanical Specifications

Parameter	Value
Battery configuration	3-series lithium-ion pack
Nominal pack voltage	10.8 V
Full-charge voltage	12.6 V
Current class	30 A
Recovery	Automatic fault recovery
Protection	Overcharge, over-discharge and over-current protection
Connections	B-, P-, B+ and cell-tap pads

Key Features

- 3S lithium-pack support
- 30 A current class
- Automatic recovery
- Multiple battery protections

Operating Notes

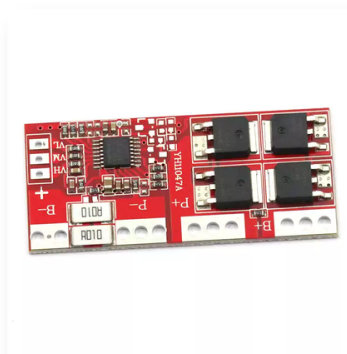
- Use matched cells of the same chemistry, capacity and state of charge.
- Connect cell taps in the correct sequence before applying load current.
- Current capability depends on cooling, wiring and PCB installation.

Application and Connection Guide

APPLICATION & CONNECTION

3S CELL PACK

10.8 V nominal



CHARGER / LOAD

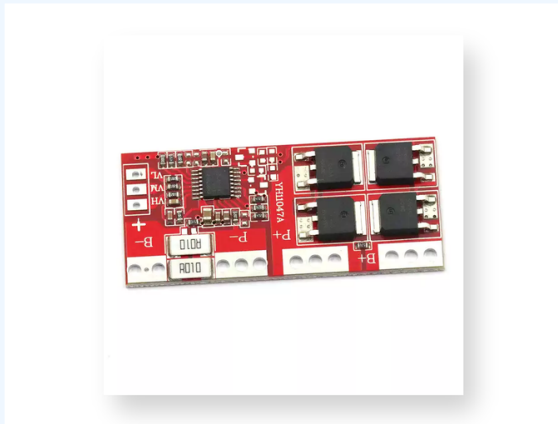
Protected 12.6 V pack

Verify polarity and configure voltage/current before connecting the load.

Connection Sequence

1. Confirm the input source is within the stated range. 2. Verify input and output polarity. 3. Configure voltage and current limits with the load disconnected. 4. Connect the load or battery. 5. Monitor temperature during initial operation.

KEY PRODUCT ADVANTAGES



- 1 **3S lithium-pack support**
- 2 **30 A current class**
- 3 **Automatic recovery**
- 4 **Multiple battery protections**