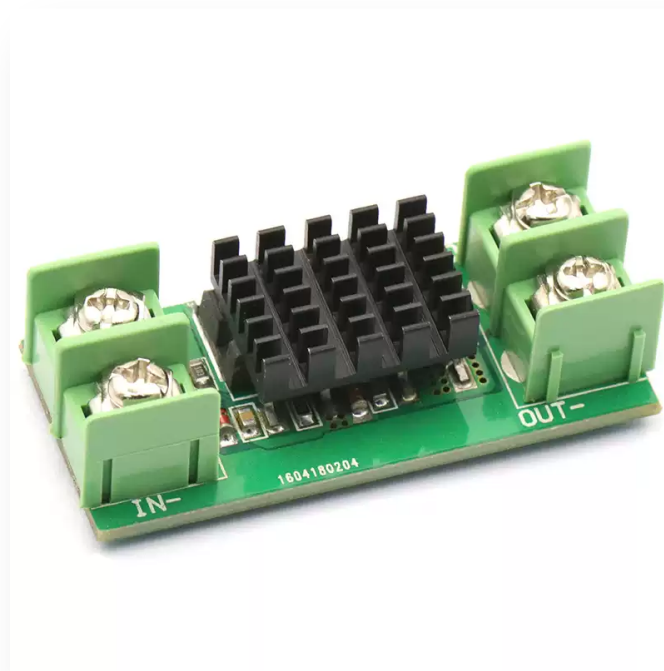


Solar Charging Anti-Backflow Module

Low-loss reverse-current blocking board for battery charging systems



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
Primary function	Prevents reverse current from battery to source
Typical use	Solar battery charging
Power path	Solid-state / diode-type blocking stage
Current function	Integrated current-handling power path
Cooling	On-board finned heatsink
Connections	Input and output screw terminals
Polarity marking	IN and OUT terminals identified on PCB

Key Features

- Reverse-current blocking
- Solar charging protection
- Heatsink-cooled power path
- Simple terminal installation

Operating Notes

- The saved page does not expose a reliable voltage/current rating.
- Observe IN/OUT direction and polarity.
- Confirm voltage drop and thermal performance at the intended current.

Application and Connection Guide

APPLICATION & CONNECTION

SOLAR / CHARGER INPUT

IN terminals



BATTERY SIDE

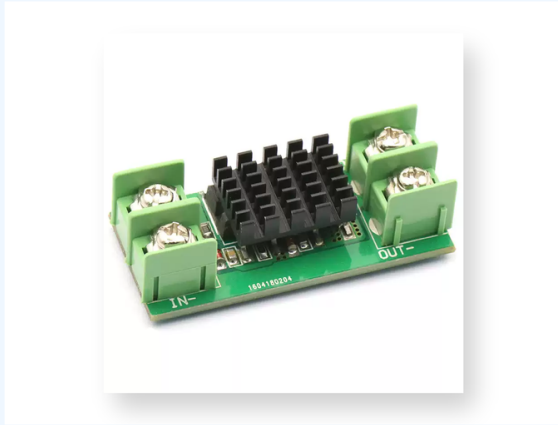
OUT terminals

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 **Reverse-current blocking**
- 2 **Solar charging protection**
- 3 **Heatsink-cooled power path**
- 4 **Simple terminal installation**