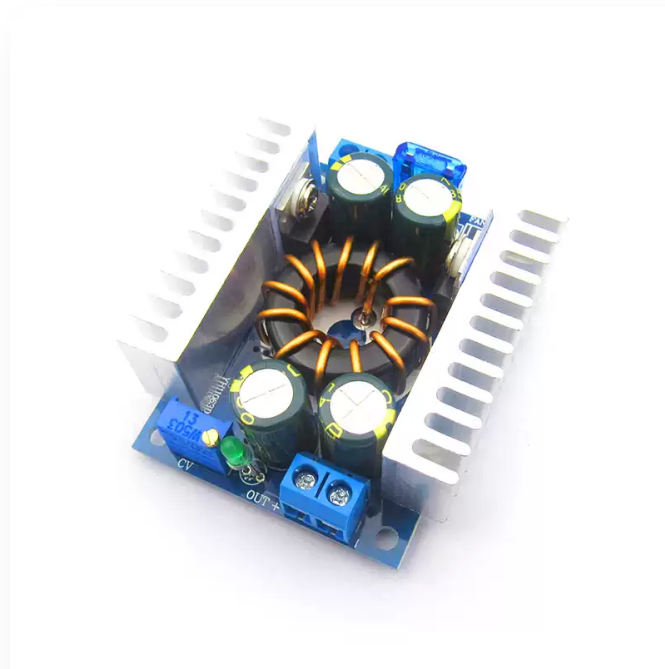


150 W Adjustable DC-DC Boost Converter

8-32 V input to 9-46 V step-up power module



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
Topology	Non-isolated DC-DC boost converter
Input voltage	8-32 VDC
Adjustable output	9-46 VDC
Maximum power class	150 W
Adjustment	Multi-turn output-voltage potentiometer
Cooling	Dual aluminum heatsinks
Connections	Input and output screw terminals
Protection	Thermal and over-current functions stated by source

Key Features

- 8-32 V wide input range
- 9-46 V adjustable output
- 150 W power class
- Dual-heatsink cooling

Operating Notes

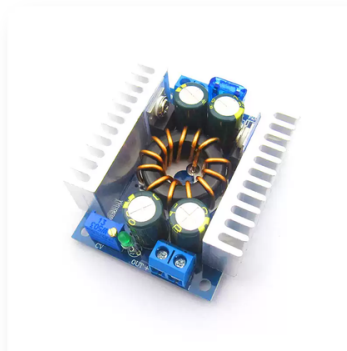
- This is a boost converter; output must remain above input.
- Maximum power requires strong airflow and low-resistance wiring.
- Set output voltage before attaching the load.

Application and Connection Guide

APPLICATION & CONNECTION

DC INPUT

8-32 VDC



HIGHER-VOLTAGE LOAD

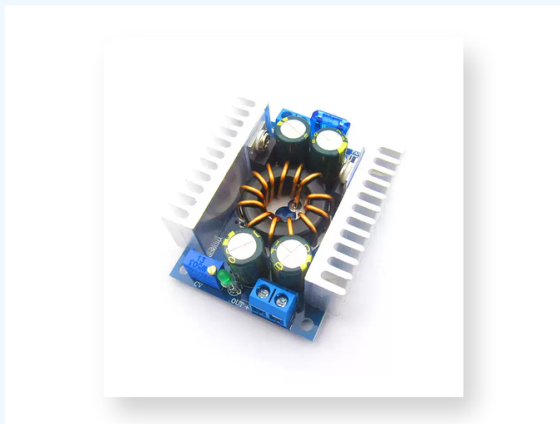
9-46 VDC

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 8-32 V wide input range

2 9-46 V adjustable output

3 150 W power class

4 Dual-heatsink cooling