

150 W Adjustable DC-DC Boost Converter

10-32 V input, 12-35 V adjustable step-up 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	10-32 VDC
Adjustable output	12-35 VDC
Maximum power class	150 W
Adjustment	Multi-turn voltage trimmer
Cooling	Two aluminum heatsinks
Connections	Input and output screw terminals

Key Features

- 150 W power class
- 12-35 V adjustable output
- Dual-heatsink thermal design
- Convenient screw terminals

Operating Notes

- Output voltage must be set above the input voltage.
- The 150 W rating requires strong airflow, heavy wiring and a capable source.
- Set the voltage before connecting the load.

Application and Connection Guide

APPLICATION & CONNECTION

DC SOURCE

10-32 VDC



HIGHER-VOLTAGE LOAD

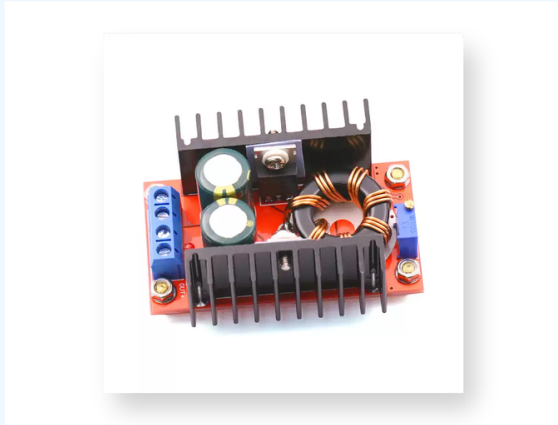
12-35 VDC

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 **150 W power class**
- 2 **12-35 V adjustable output**
- 3 **Dual-heatsink thermal design**
- 4 **Convenient screw terminals**