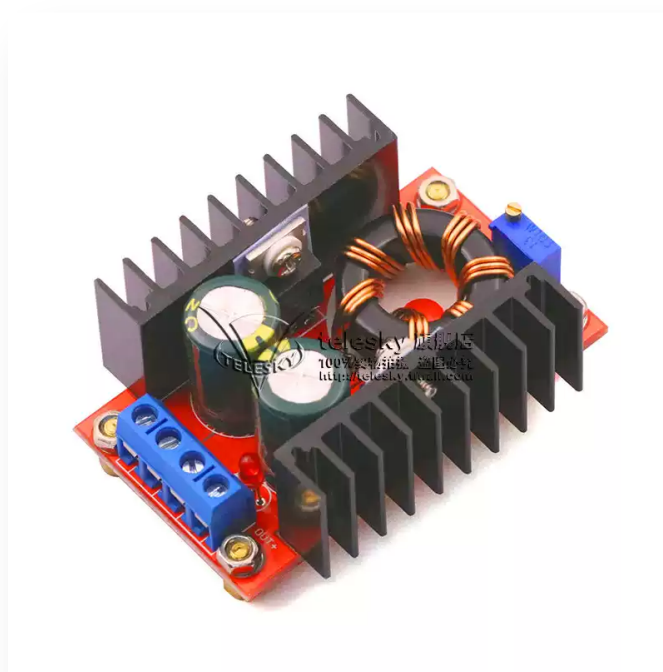


150 W Adjustable Boost Converter Module

10-32 V input to 12-35 V regulated DC output



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
Conversion type	Non-isolated DC-DC boost converter
Input voltage	10-32 VDC
Adjustable output	12-35 VDC
Maximum power class	150 W peak with adequate cooling
Adjustment	On-board output-voltage potentiometer
Cooling	Dual heatsinks

Key Features

- 150 W peak power class
- Adjustable 12-35 V output
- Dual heatsink construction
- Screw-terminal connections

Operating Notes

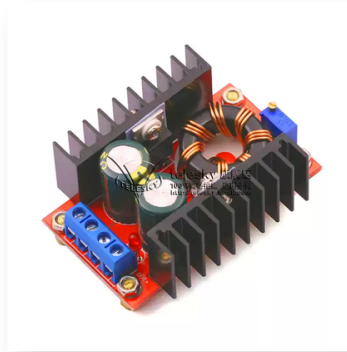
- Output voltage must be set above input voltage.
- Use forced-air cooling at high power.
- Confirm the output setting before connecting a laptop or other sensitive load.

Application and Connection Guide

APPLICATION & CONNECTION

VEHICLE / DC INPUT

10-32 VDC



HIGHER-VOLTAGE LOAD

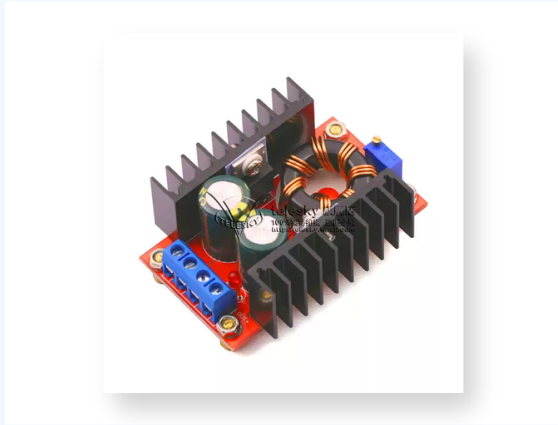
12-35 VDC

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 peak power class**
- 2 **Adjustable 12-35 V output**
- 3 **Dual heatsink construction**
- 4 **Screw-terminal connections**