

Digital Adjustable DC-DC Boost Power Module

3-35 V input to adjustable 3-35 V output with USB and digital display



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	3-35 VDC
Adjustable output	3-35 VDC
Display	Integrated digital voltage display
Output connections	USB Type-A and terminal output
Adjustment	Multi-turn output-voltage control
Typical sources	Solar panel, battery or DC adapter

Key Features

- 3-35 V input range
- Adjustable boosted output
- On-board digital display
- USB and terminal connections

Operating Notes

- This is a boost converter; set output above the applied input voltage.
- The saved page does not expose a reliable maximum-current rating.
- Set and verify output voltage before connecting the load.

Application and Connection Guide

APPLICATION & CONNECTION

DC / SOLAR INPUT

3-35 VDC



USB OR DC LOAD

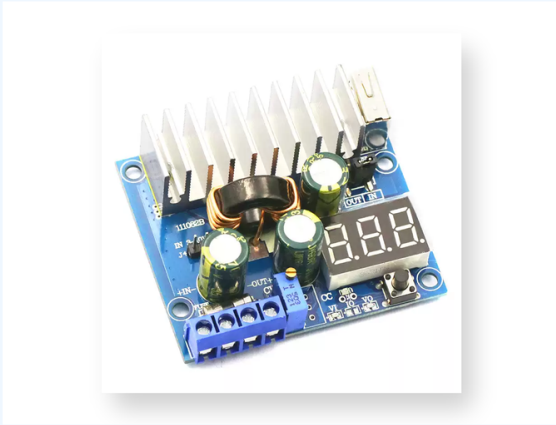
Adjusted 3-35 V

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 **3-35 V input range**
- 2 **Adjustable boosted output**
- 3 **On-board digital display**
- 4 **USB and terminal connections**