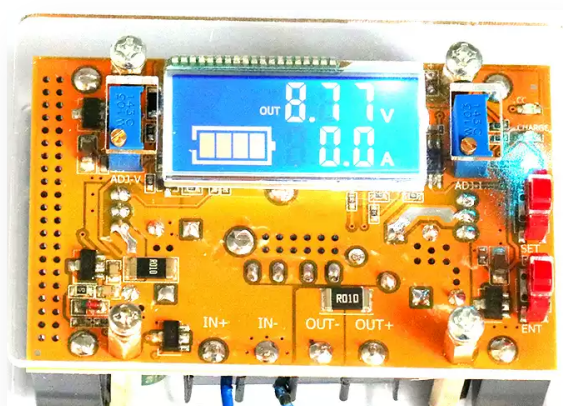


LCD Constant-Voltage / Constant-Current Boost Converter

Adjustable high-power step-up module with voltage/current 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
Conversion type	DC-DC boost / step-up
Control modes	Constant voltage and constant current
Display	LCD voltage and current readout
Adjustments	Output voltage and current-limit trimmers
Connections	IN+, IN–, OUT+, OUT– terminals
Cooling	Integrated heatsink

Key Features

- Live voltage and current display
- Independent CV and CC adjustment
- Integrated heatsink
- Output protection functions

Operating Notes

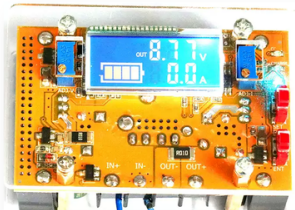
- This is a boost converter: set the output above the input voltage.
- Set voltage and current limits before connecting the load.
- The saved page did not expose a reliable numeric range; select operating limits from the exact purchased variant marking.

Application and Connection Guide

APPLICATION & CONNECTION

LOWER DC INPUT

IN+ / IN-



HIGHER DC LOAD

OUT+ / OUT-

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 **Live voltage and current display**
- 2 **Independent CV and CC adjustment**
- 3 **Integrated heatsink**
- 4 **Output protection functions**