1200 W CC/CV Adjustable Boost Converter

High-power step-up regulator for vehicle, audio and battery applications

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
Maximum power class	1200 W
Control modes	Constant voltage and constant current
Output	Adjustable boosted DC voltage
Cooling	Large removable aluminum heatsink
Connections	High-current screw terminals
Adjustment	Voltage and current-limit potentiometers
Protection	High-current and thermal protection features stated by source

Key Features

- 1200 W high-power class
- Independent CC/CV adjustment
- Large heatsink assembly
- High-current terminal connections

Operating Notes

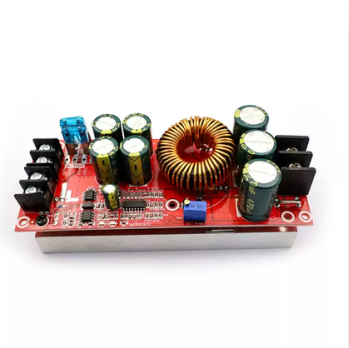
- The saved page presents operating examples but does not expose one reliable universal voltage range for every variant.
- 1200 W operation requires forced-air cooling, heavy wiring and a suitably protected source.
- Set voltage and current limits before connecting the load.

Application and Connection Guide

APPLICATION & CONNECTION

HIGH-CURRENT DC INPUT

Battery / vehicle source



BOOSTED DC LOAD

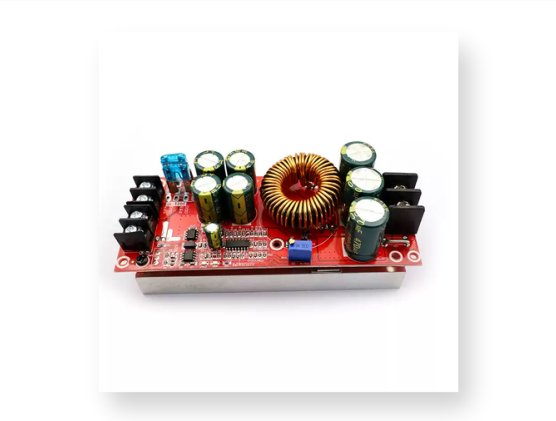
Adjusted CC/CV output

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



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2. **Independent CC/CV adjustment**
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