

Automatic Adjustable Buck-Boost Regulator

Enclosed vehicle DC stabilizer with 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
Conversion type	Automatic DC-DC step-up / step-down
Applications	Vehicle voltage stabilization and adjustable DC supply
Output	Adjustable regulated DC output
Display	Integrated digital voltage display
Adjustment	On-board potentiometer
Enclosure	Vented metal protective case

Key Features

- Automatic buck-boost operation
- Adjustable regulated voltage
- Integrated digital display
- Protective metal enclosure

Operating Notes

- Set and verify the output voltage before connecting the load.
- The saved page does not expose a reliable full numeric range; confirm the exact purchased revision before installation.
- Provide ventilation around the metal enclosure.

Application and Connection Guide

APPLICATION & CONNECTION

VEHICLE DC INPUT

Variable DC source



STABILIZED LOAD

Adjusted DC 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



1 Automatic buck-boost operation

2 Adjustable regulated voltage

3 Integrated digital display

4 Protective metal enclosure