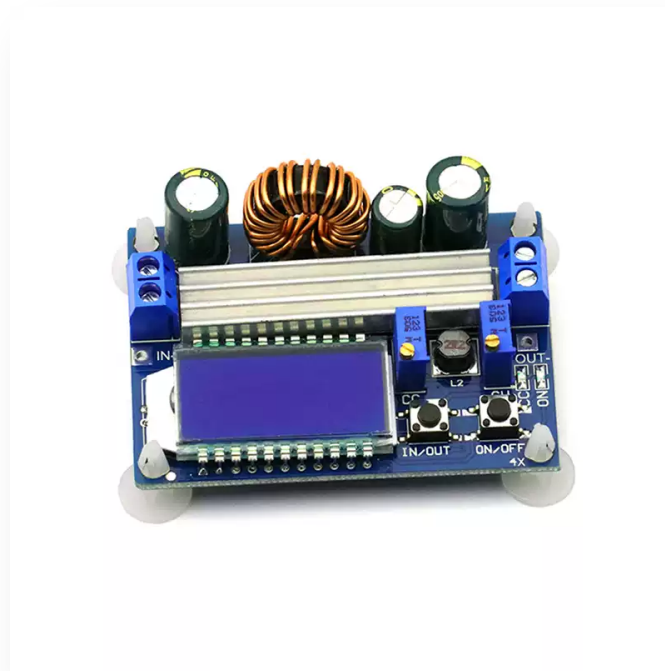


LCD CC/CV Adjustable Buck-Boost Power Module

Digital step-up / step-down regulator with voltage and 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	Automatic DC-DC step-up / step-down
Control modes	Constant voltage and constant current
Display	LCD voltage and current readout
Output adjustment	Digital button interface
Connections	Input and output screw terminals
Cooling	Detachable aluminum heatsink

Key Features

- Automatic buck-boost regulation
- CC/CV output control
- LCD voltage/current metering
- Digital configuration interface

Operating Notes

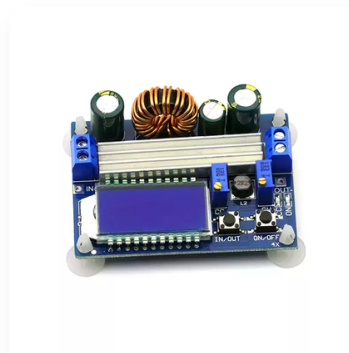
- The saved page does not expose a reliable numeric operating range.
- Configure voltage and current limits with the load disconnected.
- Observe polarity and provide airflow around the heatsink.

Application and Connection Guide

APPLICATION & CONNECTION

VARIABLE DC INPUT

DC source



LOAD / BATTERY

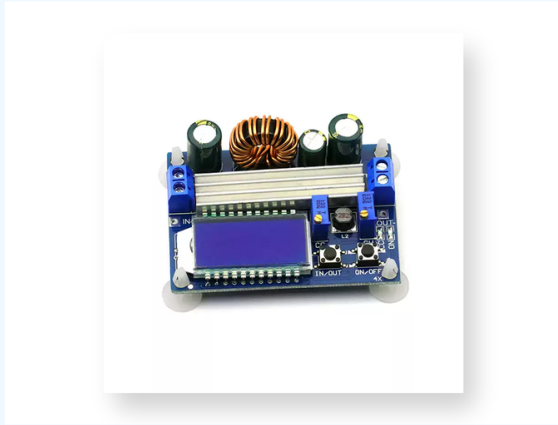
Regulated CC/CV

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 regulation

2 CC/CV output control

3 LCD voltage/current metering

4 Digital configuration interface