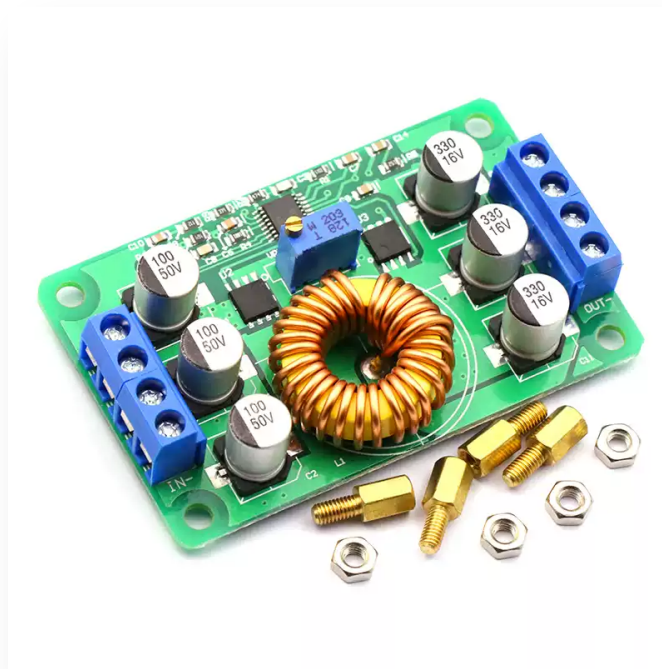


16-40 V to 0.1-12 V Adjustable Buck Converter

Low-voltage step-down module with wide DC input range



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 buck converter
Input voltage	16-40 VDC
Adjustable output	0.1-12 VDC
Adjustment	Multi-turn output-voltage control
Connections	Input and output screw terminals
Cooling	Open PCB power stage
Function	Low-voltage step-down conversion

Key Features

- 16-40 V wide input
- 0.1-12 V adjustable output
- Compact power module
- Screw-terminal integration

Operating Notes

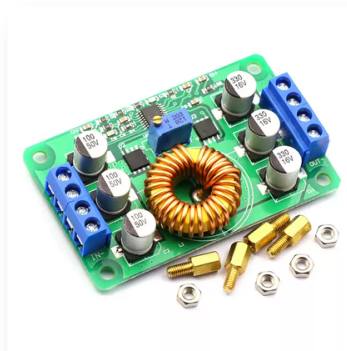
- This module cannot increase voltage.
- The saved page does not expose a reliable maximum-current rating.
- Set output voltage before connecting the load.

Application and Connection Guide

APPLICATION & CONNECTION

DC INPUT

16-40 VDC



LOW-VOLTAGE LOAD

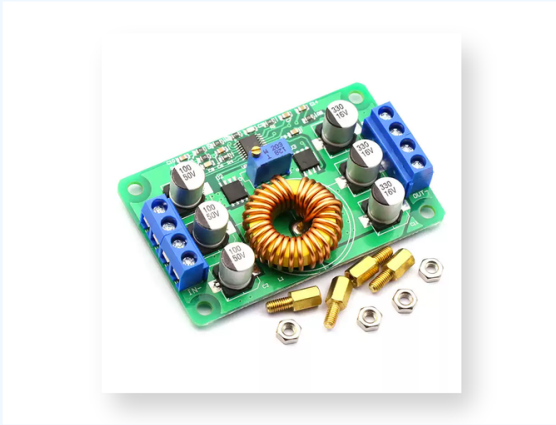
0.1-12 VDC

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 **16-40 V wide input**
- 2 **0.1-12 V adjustable output**
- 3 **Compact power module**
- 4 **Screw-terminal integration**