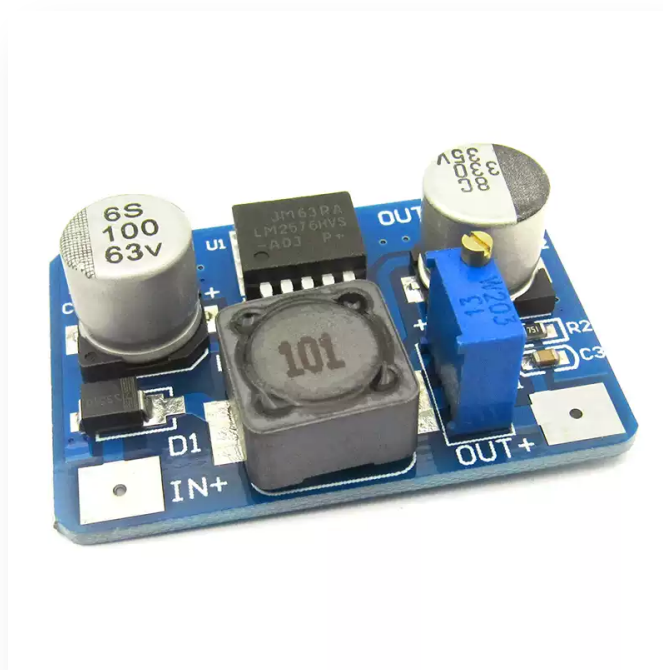


LM2576HV Adjustable Buck Converter Module

Wide-input DC step-down regulator with adjustable output



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
Controller	LM2576HV
Topology	Non-isolated DC-DC buck converter
Input voltage	5-60 VDC; operation at or below 50 V recommended by source
Adjustable output	1.25-26 VDC
Maximum output current	3 A
Recommended continuous current	1.2 A
Recommended output power	Up to 20 W
Board dimensions	43 x 30 x 12 mm
Connections	Solder-pad input and output

Key Features

- 5-60 V wide input range
- 1.25-26 V adjustable output
- 3 A maximum current class
- Compact low-profile module

Operating Notes

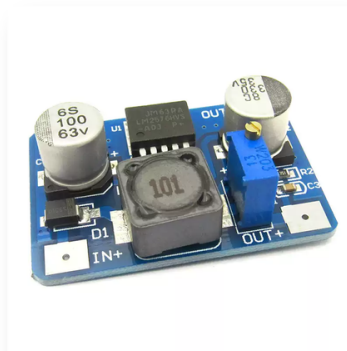
- This is a buck converter; output must remain below input.
- Set the output voltage before connecting the load.
- Use conservative derating and airflow above the recommended continuous level.

Application and Connection Guide

APPLICATION & CONNECTION

DC INPUT

5-60 VDC



REGULATED LOAD

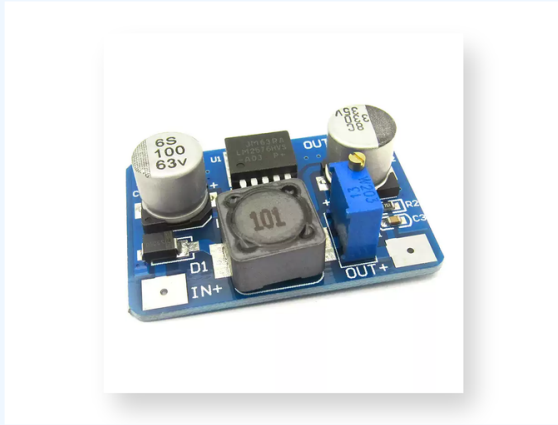
1.25-26 VDC

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 **5-60 V wide input range**
- 2 **1.25-26 V adjustable output**
- 3 **3 A maximum current class**
- 4 **Compact low-profile module**