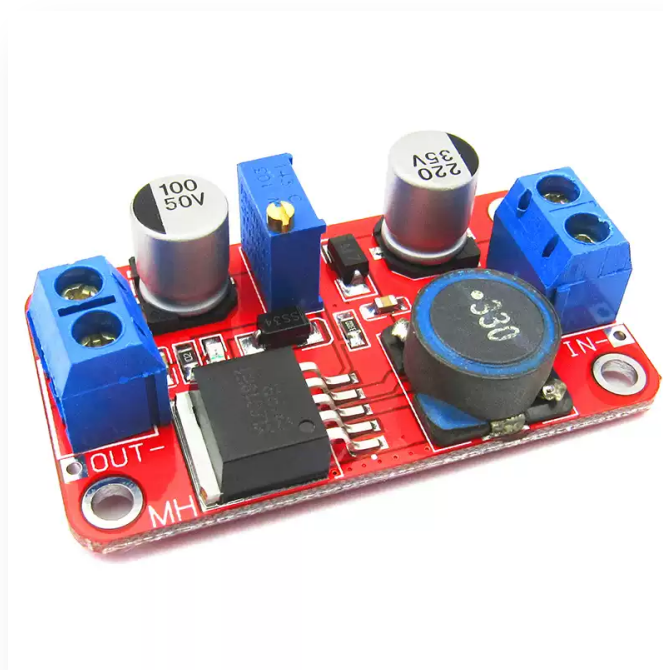


XL6019 5 A Adjustable DC-DC Boost Converter

High-current step-up module with screw terminals and multi-turn adjustment



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	XL6019
Conversion type	Non-isolated DC-DC boost converter
Maximum current class	Up to 5 A
Output	Adjustable regulated boosted DC voltage
Adjustment	Multi-turn output-voltage potentiometer
Connections	Input and output screw terminals

Key Features

- XL6019 high-current controller
- Up to 5 A current class
- Multi-turn voltage adjustment
- Compact screw-terminal construction

Operating Notes

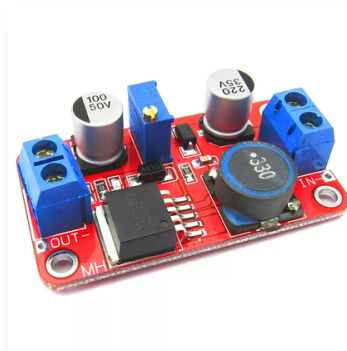
- This is a boost-only converter; the configured output must be above the input voltage.
- The saved page does not provide a clearly readable full voltage range.
- Use additional cooling and heavy wiring at high current.

Application and Connection Guide

APPLICATION & CONNECTION

LOWER DC INPUT

DC source



HIGHER-VOLTAGE LOAD

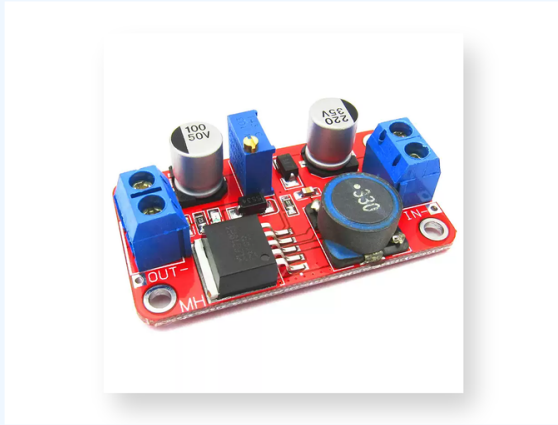
Boosted output

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 **XL6019 high-current controller**
- 2 **Up to 5 A current class**
- 3 **Multi-turn voltage adjustment**
- 4 **Compact screw-terminal construction**