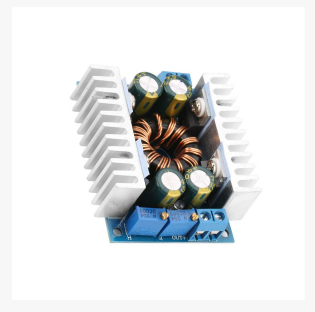
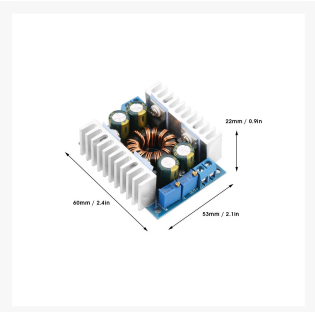
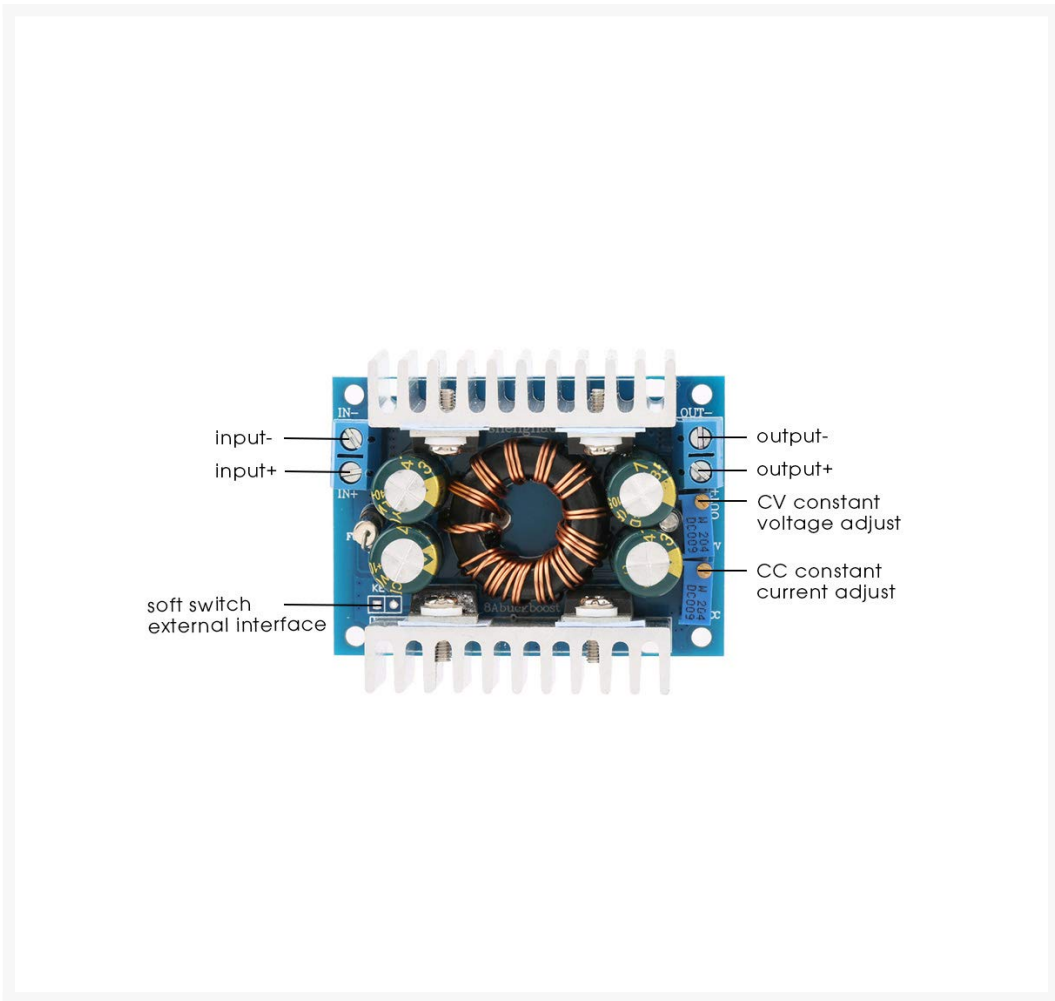


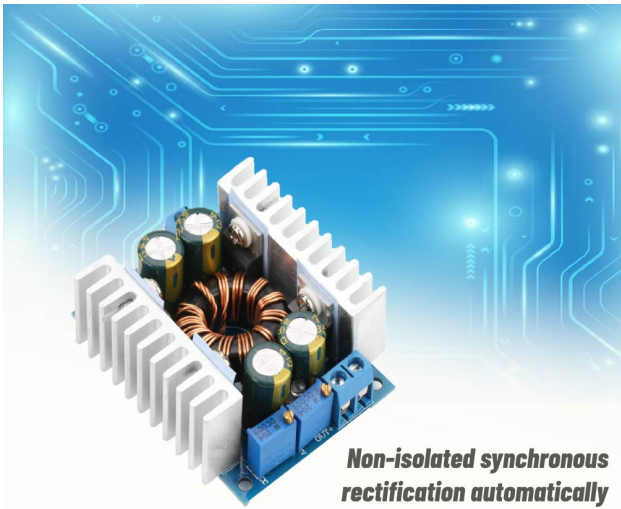


# PPCS Voltage Boost Power 12V to 24V DC DC Converter Module

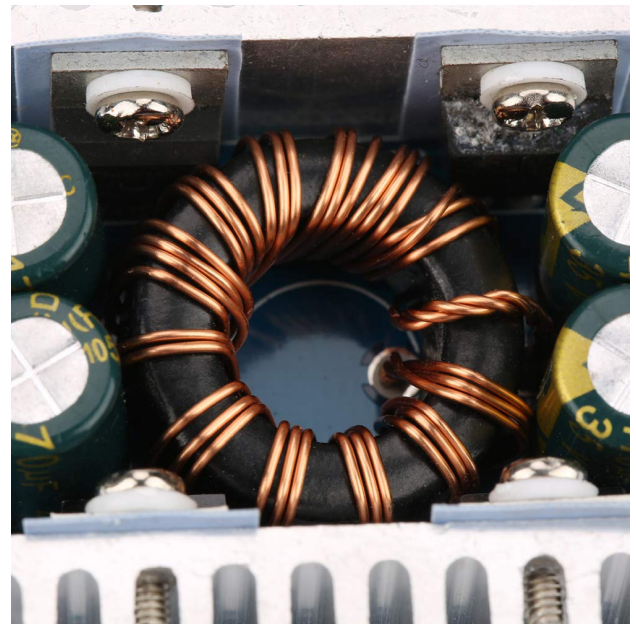
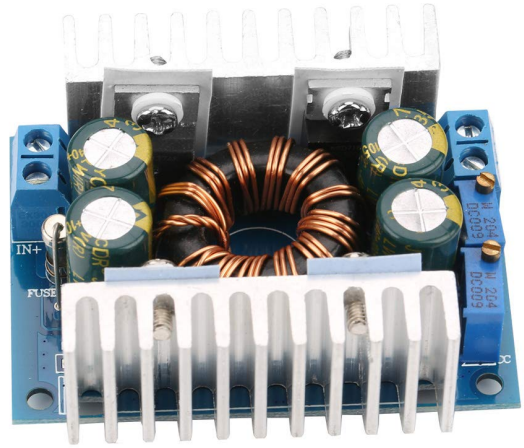
**\$17.95**

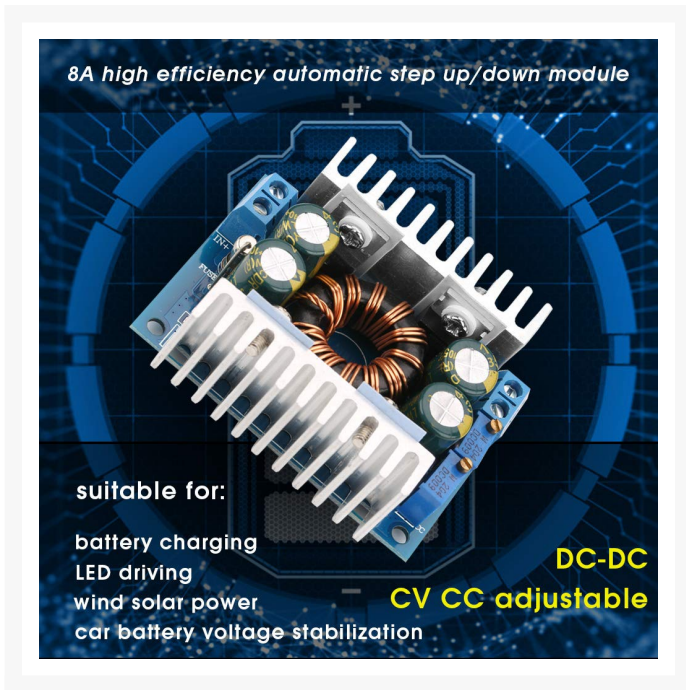
## Product Images





**Non-isolated synchronous  
rectification automatically  
step up/down module**





## Short Description

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PPCS preset the voltage to 24V, these are ready to go!

Convert DC power to DC power with this fully assembled , variable 12V to 24V step-up converter module which assists in maintaining a power source for your device or application. Also offered a Performance-PCs.com fully modded in house version.

## Description

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Convert DC power to DC power with this fully assembled , variable 12V to 24V step-up converter module which assists in maintaining a power source for your device or application. Also offered a Performance-PCs.com fully modded in house version. This ready to install version comes in a sealed test box with 4-pin Molex in 12v to PSU and 24V out to accessory, as well as, ON/OFF switch, and dual 40mm fan cooling! For those that are not good at wiring this is a nice, ready to go package

## Features

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Features:

- Soft-start function reduces current rush during start up
- Output switch is protected by current limit, under-voltage lockout and thermal shutdown
- Regulated power converter module - This is a non-isolated DC regulated power converter module with

long service life. High power and stable output, it converts 5-30VDC to 1.25-30VDC.

- High quality - High quality components ensures high conversion efficiency, up to 93%. Designed with two heat sinks for better heat dissipation. It supports over current, short circuit, over temperature protection.
- Note -If reverse input protection is required, connect a diode in series with the input. Wiring method: terminal output, (input is IN, output is OUT)
- Product- Voltage Converter Module DC 5-30V to 1.25-30V, Automatic Step Up/Down Converter, Boost/Buck Voltage Regulator, Regulated Converter Module, Over Current, Short Circuit, Over Temperature Protection

## Specifications

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### DC Boost Converter Feature:

- Specification:

Type: Non-isolated synchronous rectification automatically step up/down module

Input Voltage: DC5-30V

Input Current: 8A, (MAX) 10A, (within 6A for long-term work)

Quiescent Current: 4mA (there will be deviation when working voltage is different)

Output Voltage: 1.25-30V continuously adjustable

Output Current: 10A (MAX) (long-term natural cooling within 5A, please reduce rated value when output high voltage), enhance heat dissipation or reduce rated value when module temperature is over 65°C

Constant Current Output Range: 0.2-10A

Operating Temperature: -40°C to +85°C

Frequency: 150KHz

Conversion Efficiency: Typical 91%, maximum 93%

Over Current Protection: Yes

Short Circuit Protection: Yes (current limiting protection)

Over Temperature Protection: Yes (automatic reduce output voltage)

Reverse Input Protection: No, please connect to a diode in series at input if needed

Output Flow Back Protection: Yes, do not need to add the diode when used for charging.

Wiring Method: Terminal block output, (IN is input, OUT is output)

Weight: 70g / 2.5oz (approx.)

### DC Boost Converter Applications:

- Suitable for batteries, power transformers, DIY adjustable power supply, car and laptop power supply, 7V to 12V, 12V to 19V, 12V to 24V, 12V to 36V, 12V to 48V etc boost fields.

## Additional Information

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Brand	PPCS
SKU	PPCS-VBOOST-1224
Weight	0.5000
Color	Black
Material	Plastic

