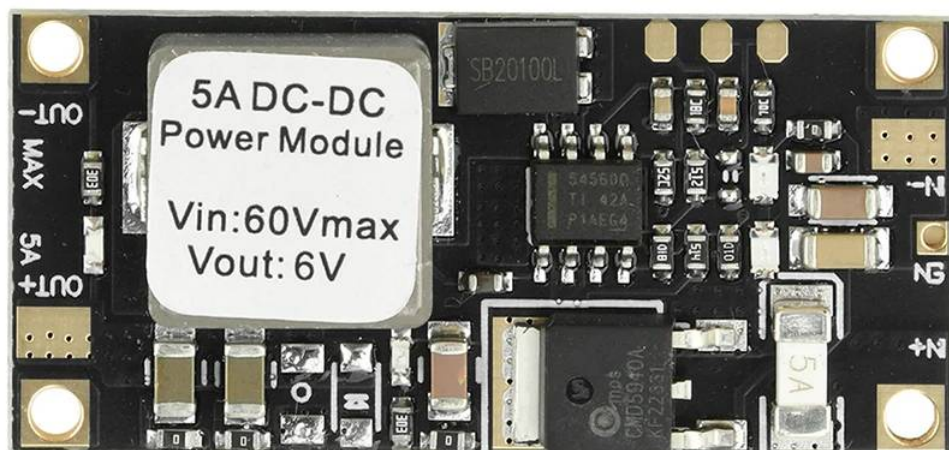


“Warning”

Features: 1. Wide voltage input range, supporting stable output from 7.5-60V, strong applicability. 2. The maximum output current is 5A, with a peak power of 41W, providing strong and efficient power. 3. Equipped with anti reverse connection, overcurrent and overvoltage protection, multiple protections are safer and more reliable. 4. Low ripple and low heat generation, fast response, suitable for stable operation of high-precision equipment. 5. Suitable for applications such as servos, drones, industrial control boards, circuit systems, and more. Parameters: Product Name: 5A Voltage Reducing Module Voltage: ① Input DC7.5-60V; Output 6V; Peak power: 29W ② Input DC8.9-60V; Output 7.4V; Peak power: 36W ③ Input DC9.9-60V; Output 8.4V; Peak power: 41W ④ Input DC4.5-60V; Output 3.3V; Peak power: 16W ⑤ Input DC10.5-60V; Output 9V; Peak power: 44W ⑥ Input DC25.5-60V; Output 24V; Peak power: 120W Output current: 5A (maximum) Standby current: 146uA Output ripple: less than 50mV Circuit structure: Non isolated voltage reduction module Conversion efficiency: 96% Appearance size: 43mm * 20mm Thickest height: 8mm Working temperature: -40 ° C~+150 ° C Product list: 1X voltage reduction module Note: Long term use at full power must be accompanied by a fan for heat dissipation. This module can achieve stable operation at 5A with good heat dissipation. If there are no heat dissipation measures, it is recommended to use it within 3.5A. This module has a high working current of 5A and a withstand voltage of 60V. It has overcurrent protection and will automatically shut down and restart if it exceeds 6A. Multiple inductive loads (such as servos and camera shutters) will exceed 6A at the moment of startup. If you need a larger current, please purchase a large power module.





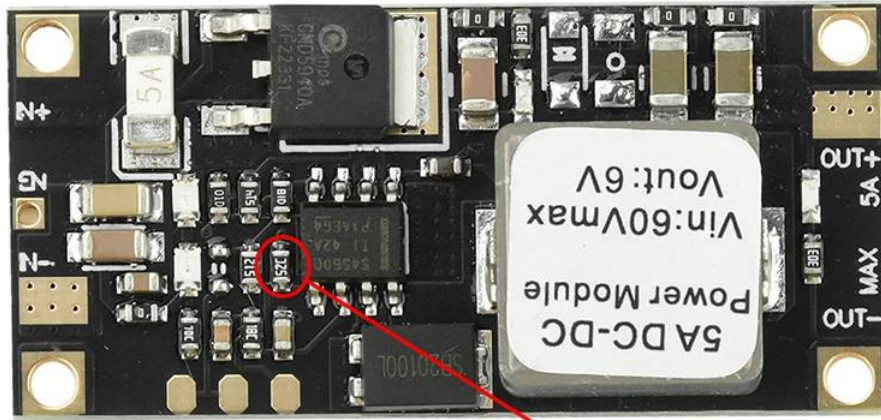
5A DC-DC
Power Module
Vin: 60Vmax
Vout: 6V

OUT
MAX

5A
+Ino

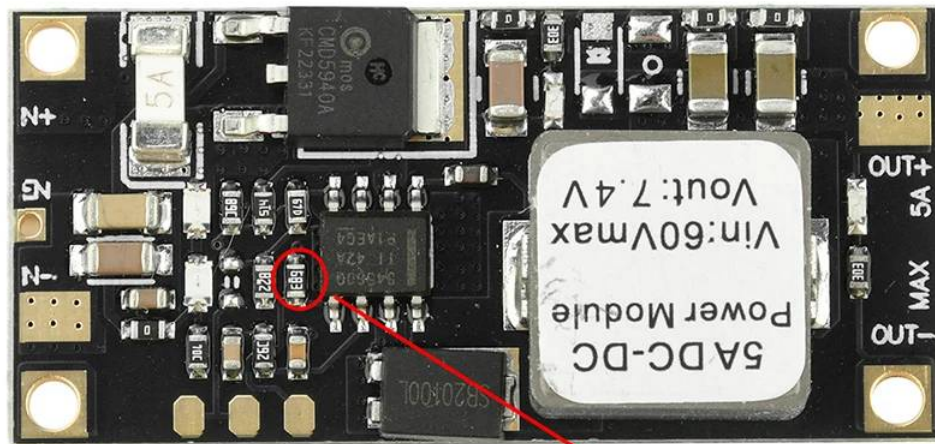
5V

5V



52C
Step-down 6V





683

Step-down 7.4V



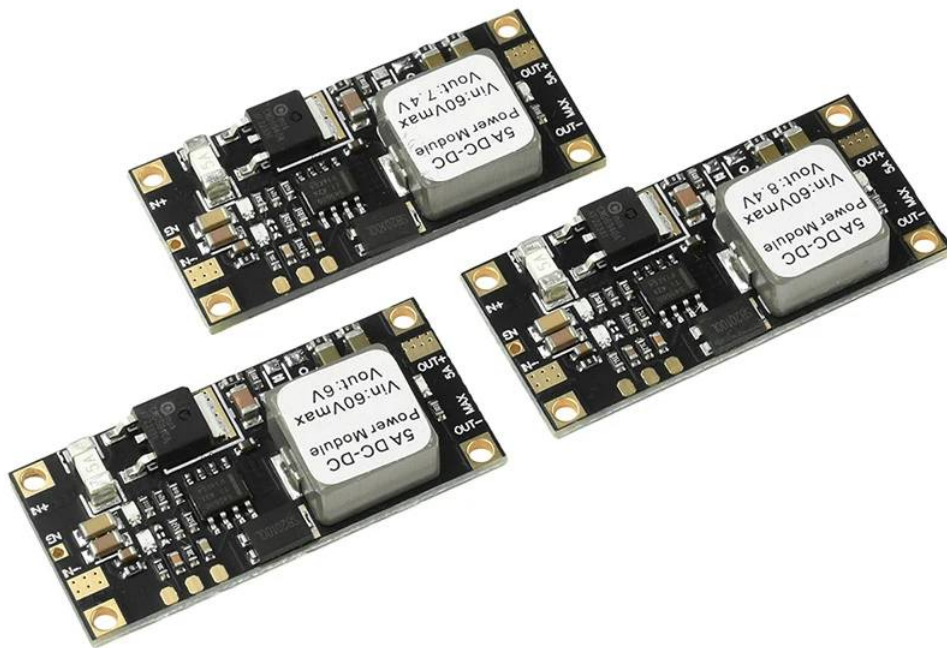
DC-DC Step-Down Module

**Wide input voltage range, supporting stable output
from 7.5V to 60V, offering high adaptability**



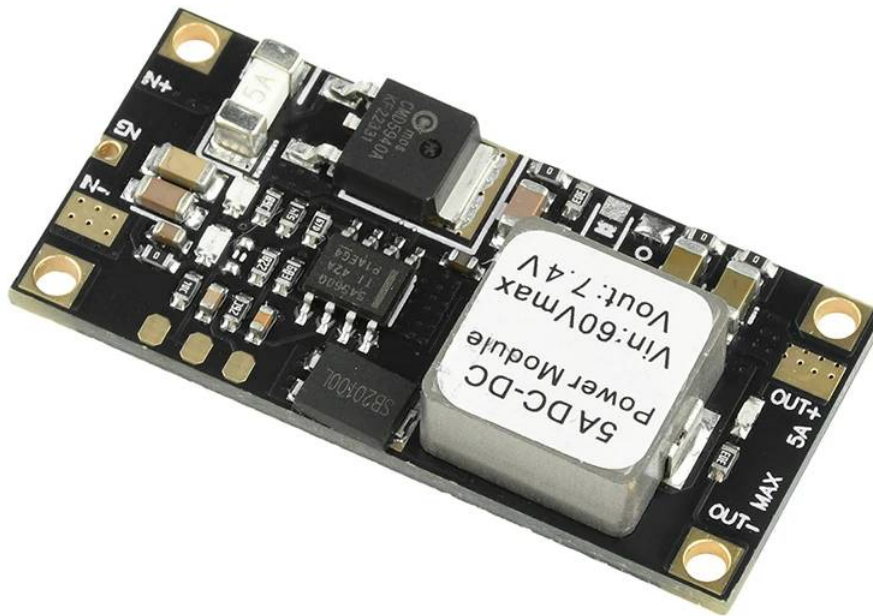
Maximum output current of 5A

**Delivers a maximum output current of 5A with peak
power up to 41W, offering powerful and efficient
performance**



Low ripple low heat generation

Low ripple, low heat generation, rapid response, stable operation for high-precision equipment



Power Supply Step-Down Module

**Suitable for servos, drones, industrial control boards,
circuit systems, and other application scenarios**



Module Parameters

Product Name: 5A Buck Module

Voltage:

- ① **Input DC 7.5–60V; Output 6V; Peak Power: 29W**
- ② **Input DC 8.9–60V; Output 7.4V; Peak Power: 36W**
- ③ **Input DC 9.9–60V; Output 8.4V; Peak Power: 41W**

Output Current: 5A (Max)

Standby Current: 146uA

Output Ripple: <50mV

Circuit Structure: Non-isolated Buck Module

Conversion Efficiency: 96%

Dimensions: 43mm × 20mm

Maximum Height: 8mm

Operating Temperature: -40°C to +150°C

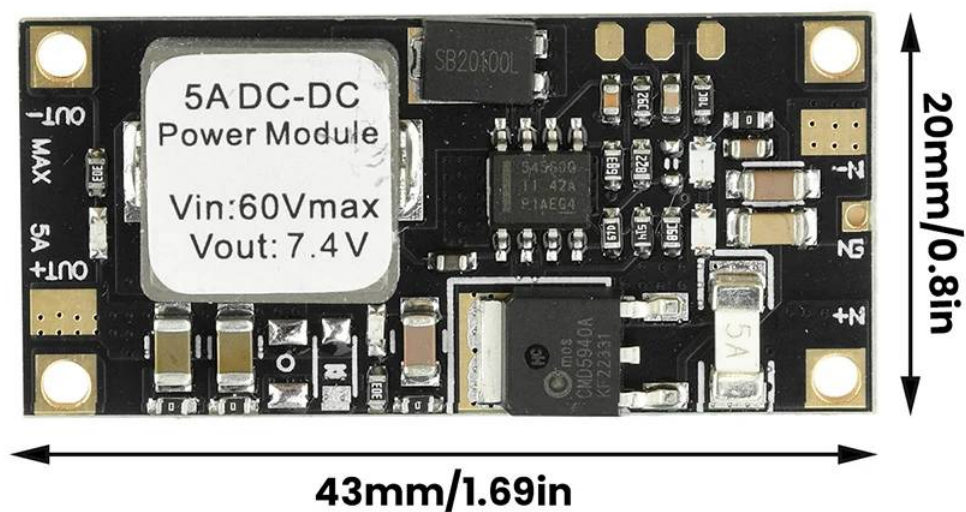


Note

When operating at full power for extended periods, a cooling fan must be added. This module can achieve stable operation at 5A with adequate heat dissipation. Without cooling measures, use within 3.5A is recommended.

This module has a maximum operating current of 5A and a voltage rating of 60V. It features overcurrent protection, automatically shutting down and re-starting when exceeding 6A. Multiple inductive loads (e.g., servos, camera shutters) may exceed 6A during startup. For higher current requirements, please purchase a higher-rated power module.





Module Parameters

Product Name: 5A Buck Module

Voltage:

④ **Input DC 4.5–60V; Output 3.3V; Peak Power: 16W**

⑤ **Input DC 10.5–60V; Output 9V; Peak Power: 44W**

⑥ **Input DC 25.5–60V; Output 24V; Peak Power: 120W**

Output Current: 5A (Max)

Standby Current: 146uA

Output Ripple: <50mV

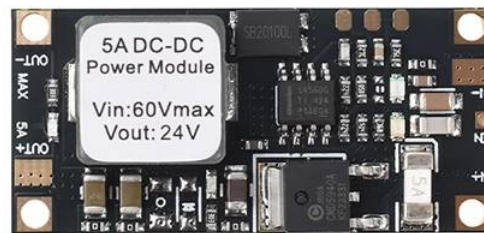
Circuit Structure: Non-isolated Buck Module

Conversion Efficiency: 96%

Dimensions: 43mm × 20mm

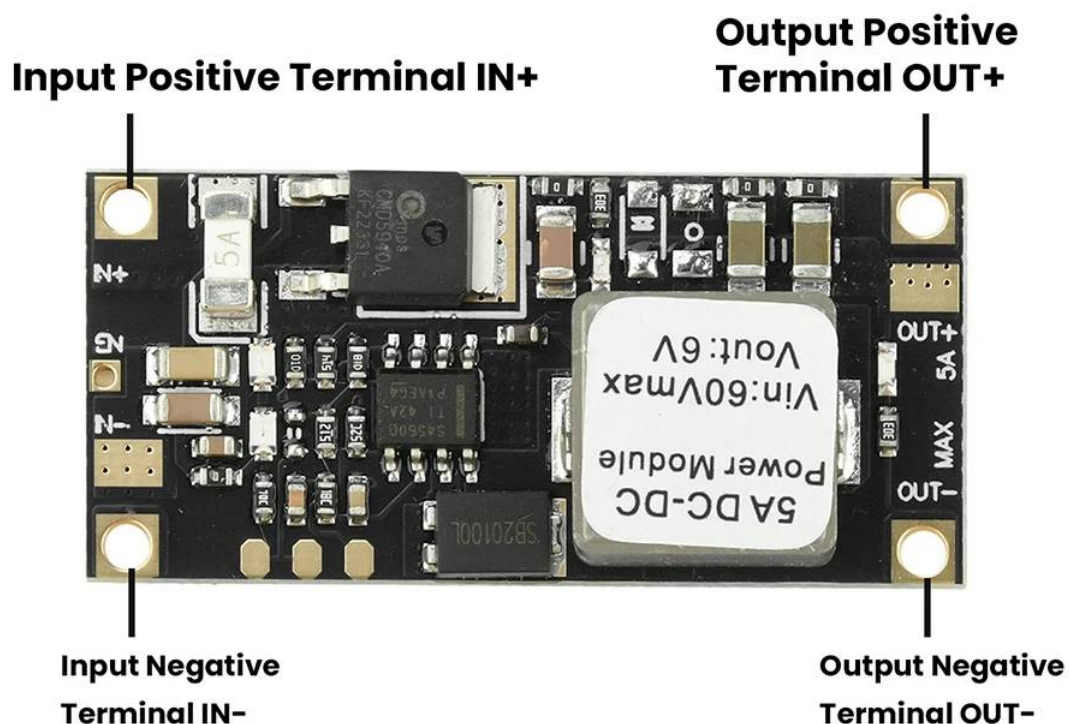
Maximum Height: 8mm

Operating Temperature: -40°C to +150°C



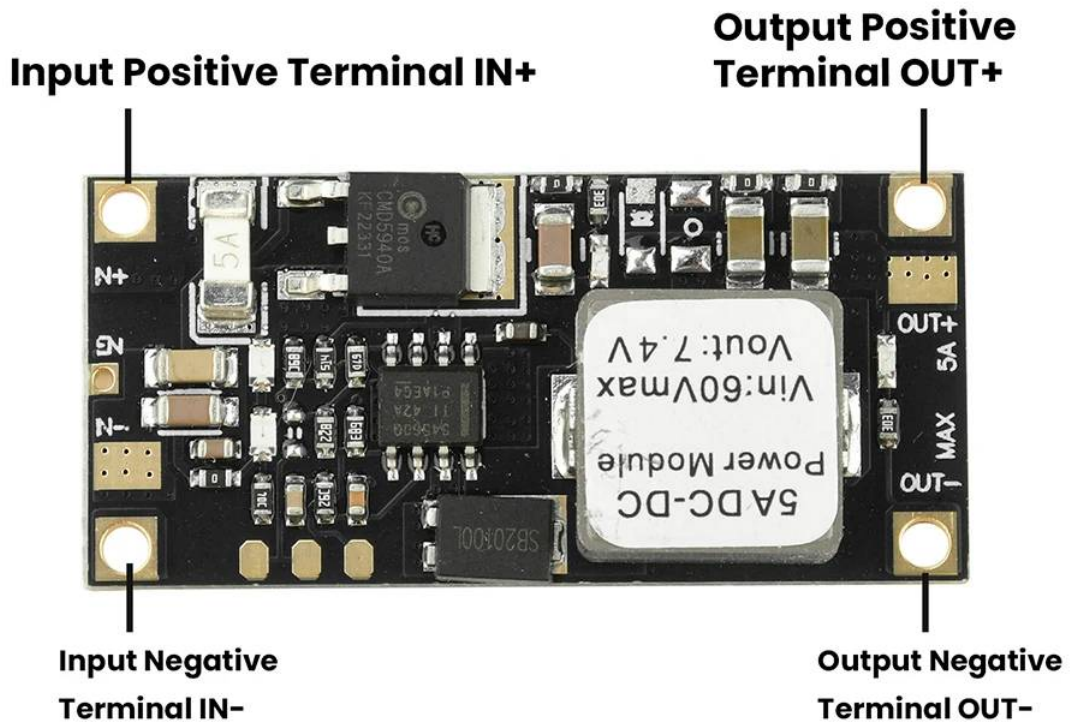
DC 7.5–60V to DC 6V

Peak Power: 29W



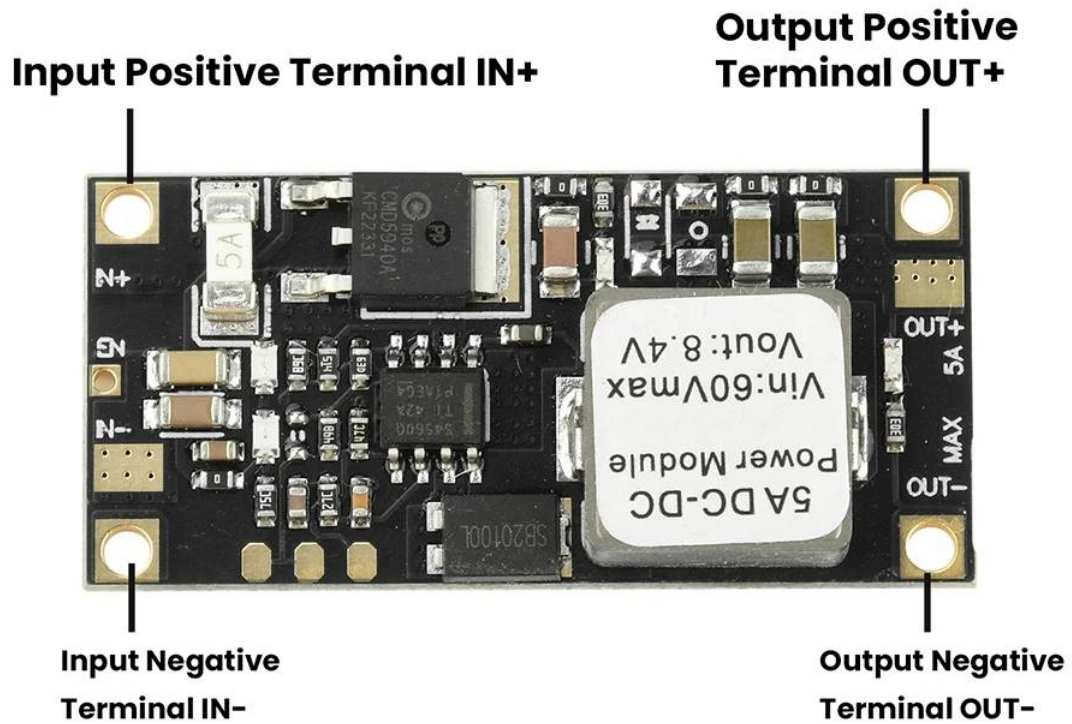
DC 8.9–60V to DC 7.4V

Peak Power: 36W



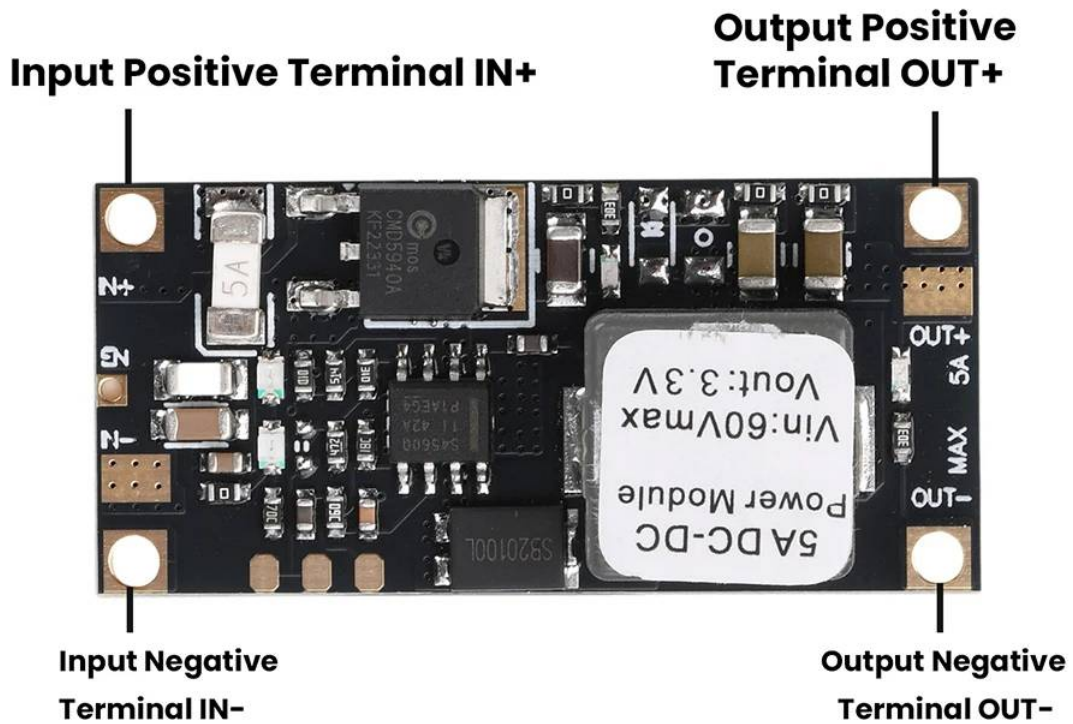
DC 9.9–60V to DC 8.4V

Peak Power: 41W



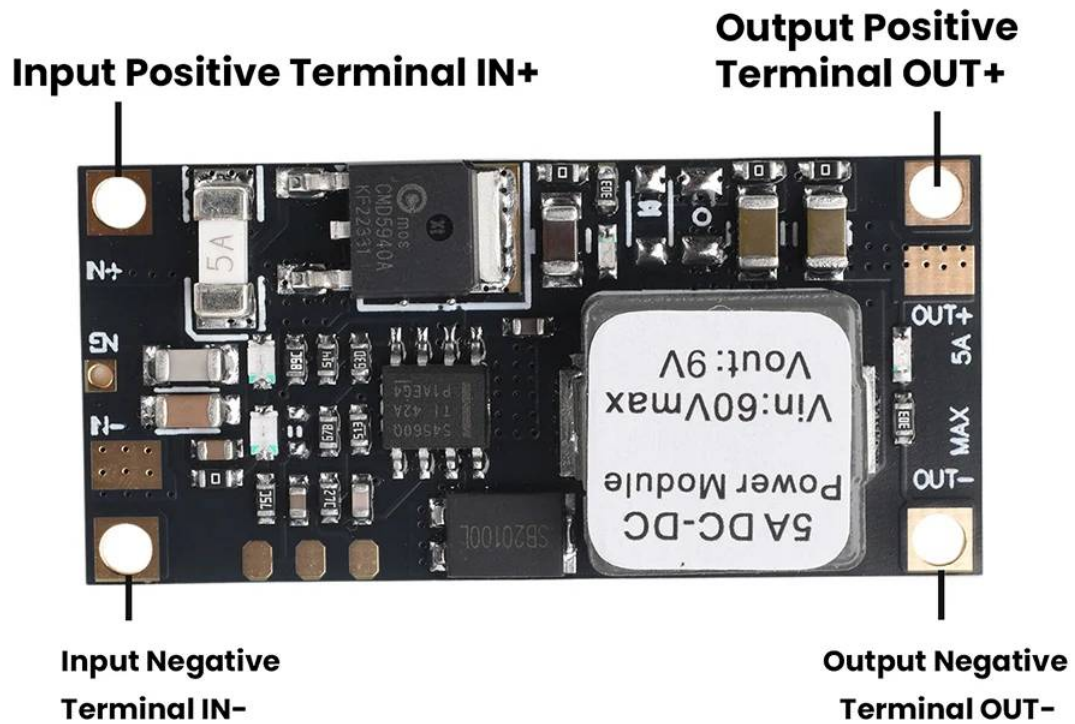
Input DC 4.5–60V; Output 3.3V

Peak Power: 16W



Input DC 10.5–60V; Output 9V

Peak Power: 44W



Input DC 25.5–60V; Output 24V

Peak Power: 120W

