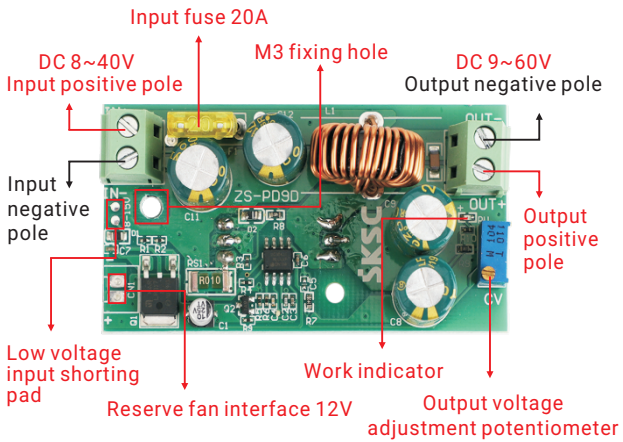
200529

DROK Boost Converter Module

https://www.droking.com/

Parameters:

Type: non-isolated step-up module (BOOST)
Input voltage range: DC 8-40V
Output voltage range: DC 9-60V continuously adjustable
Input current: 10A
Static working current: 20mA
Output current: 10A
Output power: 100W
Working temperature: -40 to +85 degrees Celsius
Operating frequency: 110KHz
Conversion efficiency: up to 96%
Short circuit protection: 20A fuse



Board size: 69.5*36.5*23mm Shell size: 70*39*31mm(L*W*H)

Wiring method:

High current terminal, no welding. IN+ for input positive, IN- for input negative, OUT+ for output positive and OUT- for output negative.

Note:

- The applicable range of input voltage is 8-40V, when the input voltage is below 10V, please connect low voltage input shorting pad.
- The constant voltage booster board can not be used for charging.
- When 12v converts to 24V, the higher the output voltage is, the higher the static current will be. If lower static current is needed, work indicator can be canceled. If working for a long time, please leave allowance to pay attention to temperature rise and make good heat dissipation.

About this module:

- This product is a DC boost power supply, can only boost voltage. The output voltage should always be higher than or equal to the input voltage, to assure the input power is higher than the output power.
- Under the condition of constant input voltage and power, the higher the output voltage is, the lower the current will be. And the greater the difference between input voltage and output voltage is, the lower the efficiency of the converter and the greater the heat release. Therefore, it is better to control the output voltage to be 2-3 times of the input voltage.
- It dissipates heat through the shell, so it is normal for the shell to have a certain amount of heat.

Recommend Product on Amazon:

NO RISK. 30 Days Money Back Guarantee.