

DROK 150W DC Boost Converter Power Module

(090438)

Parameters:

Module properties: non-isolated module

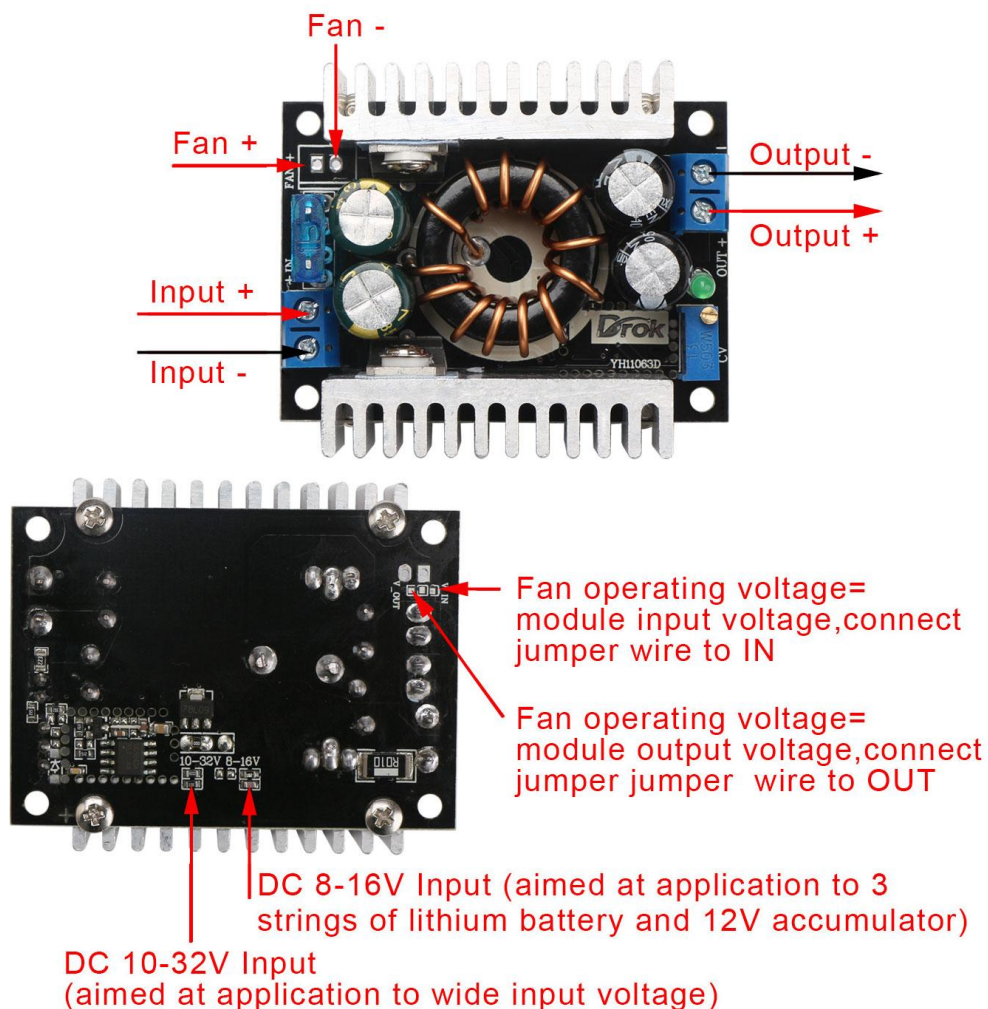
Two Input voltage optional: select the input voltage by adjusting the jumper on the back of the PCB

Input/output Voltage 1: When Input DC 10-32V (aimed at application to wide input voltage)

Input/output Voltage 2: When Input DC 8-16V (aimed at application to 3 strings of lithium battery and 12V accumulator)

Output Voltage 1 : When Input DC 10-32V,Output 10-46V((adjustable, default 19V)

Output Voltage 2 : When Input DC 8-16V,Output 8-46V(adjustable, default 19V)



Input Current: 16A Max. (over 8A please enhance heat dissipation)

Output current: 8A Max. (over 4A please enhance heat dissipation)

Quiescent operating current: 15mA (12V to 20V, higher output voltage will increase the quiescent current)

Output power: 90W(natural cooling), 150W(enhance heat dissipation)

Capacitances: 2x 470uF/35V(input) ; 2x 330uF/50V(output)

Operating temperature: -40℃ to +85℃

Working frequency: 150KHz

Conversion efficiency: up to 95%

Operating indicator: Yes

Short circuit protection: None

Input reverse polarity protection: None (If need please install diode at input port)

Wiring: Terminals, Needn't solder, V-IN input, V-OUT output