



DROK Adjustable Buck Boost Converter

<https://www.droking.com>

Over-current protection: Yes (6A)

Under-voltage protection: YES (4.7V)

Buttons:

IN/OUT button:

Short press: switch to display input voltage/output voltage/module temperature.

Long press: switch to display output current/output power.

ON/OFF button:

Short press: control output ON/OFF.

Long press: set output default ON/OFF when powered on.

Potentiometers:

CC potentiometer: current setting potentiometer.

Rotate clockwise can increase set current value.

When the load current reaches the set current value, it will enter constant current status, and the red CC indicator light will be on.

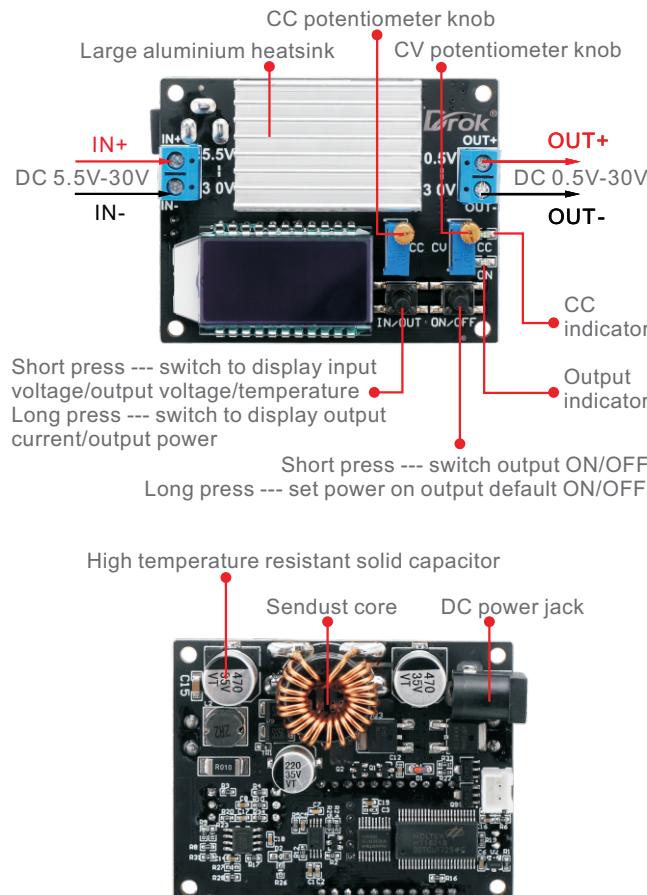
CV potentiometer: voltage setting potentiometer.

Rotate clockwise can increase output voltage value. When there is voltage outputs, the green ON indicator will be on.

Indicator Lights:

CC indicator: constant current indicator. Red. On when the module is at CC status.

Module Description:



Short press --- switch to display input voltage/output voltage/temperature
Long press --- switch to display output current/output power

Short press --- switch output ON/OFF
Long press --- set power on output default ON/OFF

Parameters:

Input voltage: DC 5.5-30V (If input voltage lower than 5V, it can achieve buck/boost, but the measured voltage and current value will be inaccurate. When input voltage lower than 4.7V, it will trigger under-voltage protection).

Output voltage: DC 0.5-30V

Output current: 4A for long-term working

Output power: 35W

Voltage display resolution: 0.01V

Voltage accuracy: 1%

Current display resolution: 0.001A

Current accuracy: 1%

Conversion efficiency: about 88%

Soft start: YES (may be invalid when starting with high-power load)

Working frequency: 180kHz

Size: 72*59*32mm

Protections:

Input reverse connection protection: Yes.

Output anti-backflow protection: Yes. No need to add a anti-backflow diode when charging for battery.

Short-circuit: Yes. Can directly connect to the short circuit on the output.

Over-temperature protection: Yes. (100°C)

Over-power protection: Yes (60W)

Input Voltage
Output Current

IN 238.7V
00.37A

Input Voltage
Output Power

238.7V
08.90W

Module Temperature
Output Current

34.7°C
00.37A

Output Voltage
Output Current

OUT 238.4V
09.86A

Output Voltage
Output Power

238.4V
02.33W

Protection Interface:

Over-current
Protection

OCP

Over-temperature
Protection

OTP

Over-power
Protection

OPP

Recommend product
on Amazon:



Any questions please
contact us through Amazon:



DROK 12A 160W Buck Converter

Display Interface:

Normal interface: