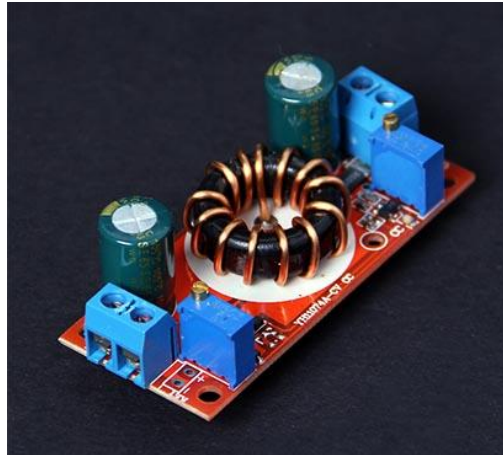


DC/DC Buck Converter 4-32V to 1.2-32V Constant Current Solar Charger LED Driver



Specifications:

- Synchronous Rectification Adjustable
- Module properties: non-isolated buck module
- Input Voltage: 4-30V (limit 36V)
- Output Voltage: 1.2-30V (adjustable, Default output 5V)
- Minimum Voltage Difference: 1V
- Output Current Range: 0-10A
- Output Constant Current Range: 0.3-10A
- Default output: 5V/6A
- Operating temperature: -40°C to +85°C
- Working frequency: 150KHz
- Conversion efficiency: up to 98%
- Installation: 4x 3mm screws
- Wiring: Terminals, Needn't solder, V-IN input, V-OUT output
- Cutting size: 61mmx26mm
- Have operating indicator

Protection function:

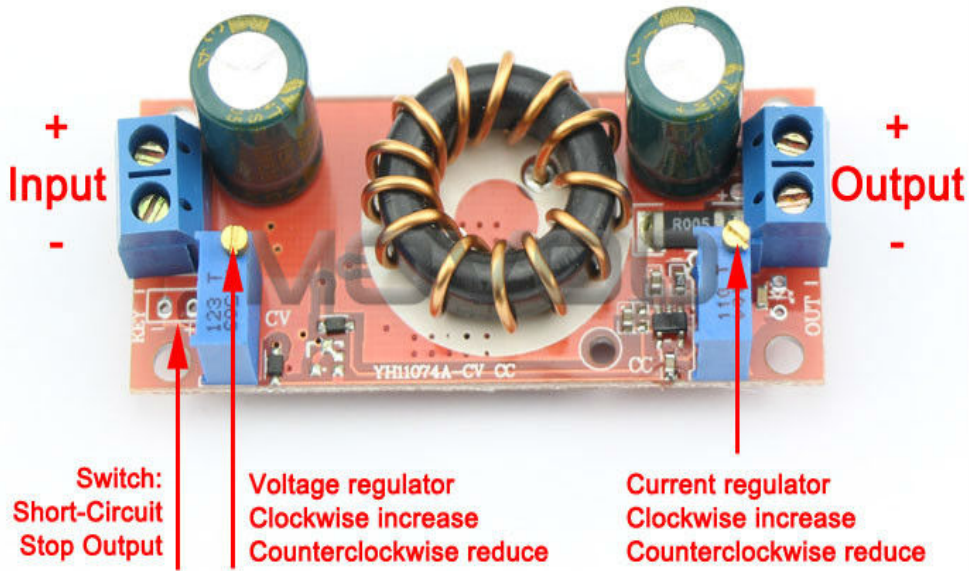
- Short circuit protection: YES (Limit current is the constant current value)
- Over-temperature protection: YES (Over-temperature auto reduces the output current)
- Input reverse polarity protection: None (If need please install diode at input port)
- Output installs diode protection: None (please install diode at output port)

Current voltage adjusted:

- Voltage adjusted: Clockwise increase, counterclockwise reduce
- Current adjusted: clockwise increase, counterclockwise reduce
- Please note that when setting the constant current value, voltage should higher than 1.2V
- please check the picture above for details

Some Application:

- DIY voltage Regulator, with constant current, can protect the load.
- The power supply for electronic equipment.
- For battery charging setting the charging voltage and current according to the different voltage battery & capacity, with indicator, convenient to observe the state of charge.
- Solar panels power supply for battery charging, With constant current, which prevents battery overcharge



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