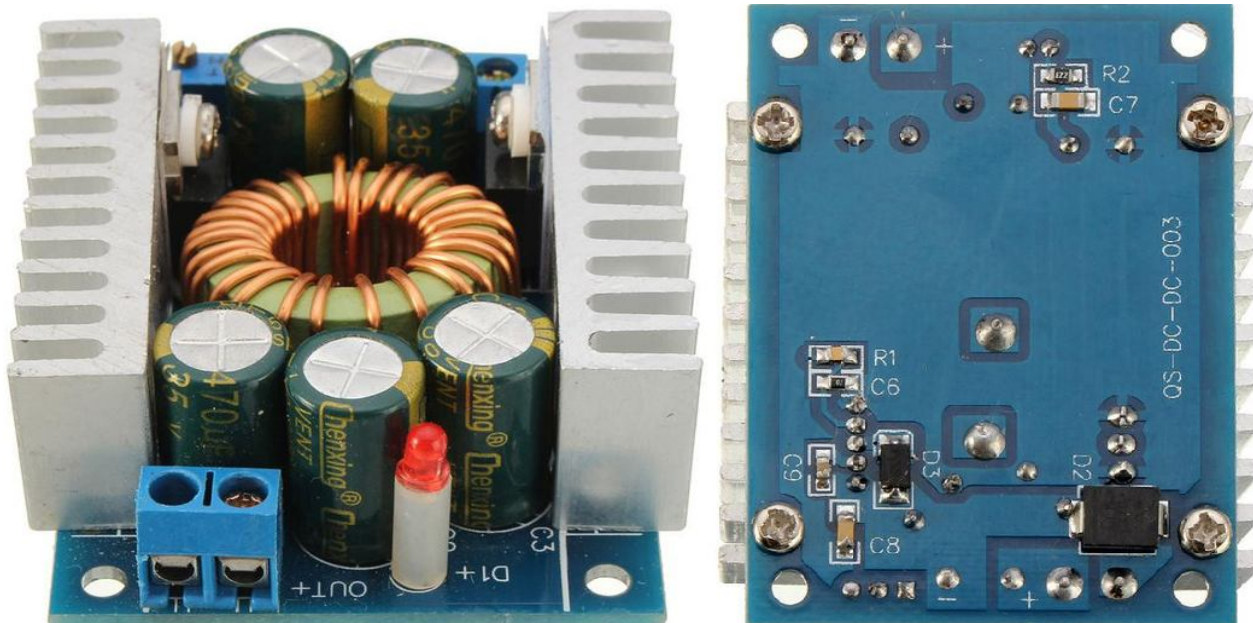


QS-DC-DC-003

DC-DC step down DC-DC converter 1.25-30V, 12A, 100W



Specifications:

Module Type:	12A Step down
Input Voltage:	Input Voltage: 4.5-30V the input voltage must not exceed 30V !
Output voltage:	1.25-30V adjustable, CV.
Output current:	0-12A 100W with larger heatsink up to 200W
Operating temperature:	-40 to + 85 degrees
Operating frequency:	300 kHz
Conversion efficiency:	up to 95%
Module dimensions:	60 mm x 51 mm x 22 mm (L, W, H)

Features:

- Adjustable Voltage CV.
- Short circuit protection: current limitation 14A, Fuse.
- Overheating protection: Yes (for temperature, automatic shutdown after disconnecting the output)
- Input reverse polarity protection: No, (if required in the input line to the diode)
- Module dimensions: 60 mm x 51 mm x 22 mm (Lxwxh)

Applications:

1. DIY an output adjustable vehicle power supply, connect the 12V input, and output could be e.g.: 1.25-9V(adjustable freely). However, the output voltage is less than the input voltage.
2. Battery charger. Ni-MH, Lith.
3. Vehicle Power Supply Module Converter.
4. For your electronic equipment
5. Pre-supply system battery
6. Power Solar Charging
7. LED Driver

Module adjustment:

1. When the module output voltage can not be adjusted (the output voltage is equal to the input voltage)
Please adjust the potentiometer counterclockwise (20 turns) or more till it works.
2. Turn trimmers CLOCKWISE to INCREASE, ANTICLOCKWISE to DECREASE.
3. When adjust the blue potentiometer ,please use a multimeter to monitor the voltage out.