

## Step Down DC-DC converter



It is a buck converter module consist of two XLSEMI XL4016 regulators connected to two heatsinks, four 470µf capacitors and two potentiometers for current and volt adjustment.

It used as step-down power supply for different devices.

### Features:

- DC-DC CC CV Buck Converter Step-down Power Supply Module 7-40V to 0.8-35V 8A
- Input voltage: 7-40V
- Output voltage: 1.2-35V
- Output Current: 9A (max), up to 300W
- Output noise: 50mV (20MHz bandwidth)
- Load regulation: 1%
- Voltage regulation: 1%
- Dynamic response speed: 5% 200uS
- Switching frequency: 300kHz
- Efficiency: up to 95%
- Thermal shutdown, current limiting output short protection
- Dimensions: 65x47x22mm (L x W x H)
- Red: Charging indicator (1/10 CC set)
- Green: Charged, no load.

