

### Parameters:

- Input voltage: 5V-30V
- Output voltage: 0.8V-29V
- Output current: 5A (over 3A should enhance heat dissipation)
- Conversion efficiency: 95% Maximum
- Switching frequency: 300KHz
- Output ripple: 50mV (max) 20M Bandwidth
- Load regulation: +/-0.5%
- Voltage regulation: +/-2.5%
- Working temperature: -40°C to +85°C
- Size: 51 \* 26.3 \* 14 (L\*W\*H) (mm)
- Module properties: non-isolated step-down module
- Rectification: Non-Synchronous rectification

### Features:

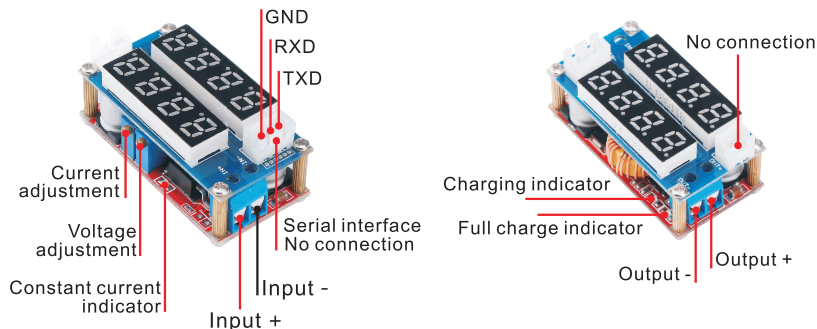
- Dual display of voltage and current; within 5A constantly adjustable output voltage and output current
- It adopts high-quality LED which is visible and easy to read even under sunshine
- High-quality chip is used to ensure high efficiency(95% Max), small heating generator and stable output performance
- Blue LED indicator lights on when the meter is charging while red LED lights on when the meter is full-charge

### LED Meters:

- Accuracy: 0.1%
- Refresh rate: about 200ms time
- Display: Dual 4 0.28 "digital tube
- Input impedance: 50 milliohms
- Operating current: less than 15mA
- Storage temperature: -10°C to + 65°C
- Display color: red
- Voltage range: 5V-30V
- Current range: 0A-5A
- Size: 51 \* 26.3 \* 10mm

### Charging lithium-ion battery:

- When lithium-ion battery in low voltage, if you use the "constant volt charging", battery will be damaged due to too high charging current caused by large volt difference. Hence, please use the "constant current charging" at first and the module will automatically switch to the "constant volt charging" as time goes by.



### Charging curve as follows: red current, blue voltage

