

**Feature:**

- Module Properties: non-isolated step-up module (BOOST)
- input voltage: 1-5V
- Output voltage: 5.1-5.2 V
- Output Current: Rated 1A-1.5A (single lithium input), the maximum 1.5A (single lithium input)
- Efficiency: Up to 96% (the higher the input voltage, the higher the efficiency)
- Switching frequency: 500KHz
- Output ripple: 30mV (MAX) 20M bandwidth (input 4V output 5.1V 1A)
- Voltage indication: LED lights with load (input voltage less than 2.7V LED indicator off)
- Operating Temperature: Industrial (-40°C to +85°C)
- Full load temperature rise: 30°C
- Quiescent Current: 130uA
- Load regulation:  $\pm 1\%$
- Voltage regulation:  $\pm 0.5\%$
- Dynamic response speed: 5% 200uS
- Short circuit protection: None (Please use the lithium battery with protection.)
- Input Reverse Polarity Protection: None
- Connection: Welding
- Input: IN + Positive, IN-Negative
- Output: USB Output