The Electronic Goldmine

G21500 - Small 2V - 24V Input 5V - 28V Boost Module



- 1. Caution: Do not connect any power to the input unless you have a load connected to the output, <u>as you will destroy the module!</u>
- 2. If you would like to test your module, place the 1K resistor (test load) which is included, across the output terminals.
- 3. Now connect a source of voltage 2V to 24V. A good test is just to use a 9V battery on input.
- 4. With a voltmeter connected across the 1K resistor (output), turn the adjustment slot on the blue trimmer up to 25 turns counterclockwise until you see the voltage on the meter rise to a voltage (up to 28V).

Note: you will not be able to adjust output voltage to less than the input voltage

This concludes the test, just make certain you always have a load connected to the output before you connect power to the input.

Small 2V-24V to 5V-28V Boost Module

Brand new small DC to DC converter operates on 2VDC up to 24VDC and can boost the output to 5VDC up to 28VDC at 2Amps max. This converter is 93% efficient. Size only 0.65" X 1.5" X 0.25 Thick. Has trimmer potentiometer to set output voltage. This is a simple way to boost a low voltage solar panel of 3V up to 14V to charge a 12V battery or power a 12V project. Brand new simple to hookup (2 pads for power input and 2 pads for power output).

http://www.goldmine-elec-products.com/prodinfo.asp?number=G21500