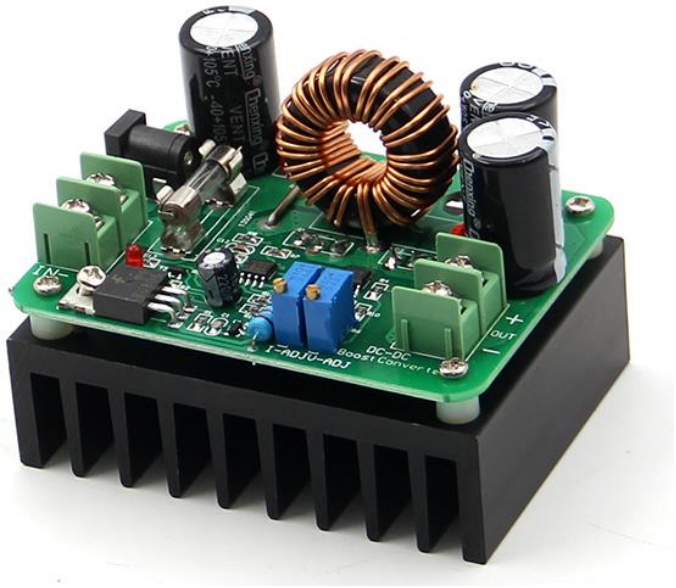
Power Supply DC-DC Boost Converter 600W

Model: I-ADJV-ADJ



Specifications:

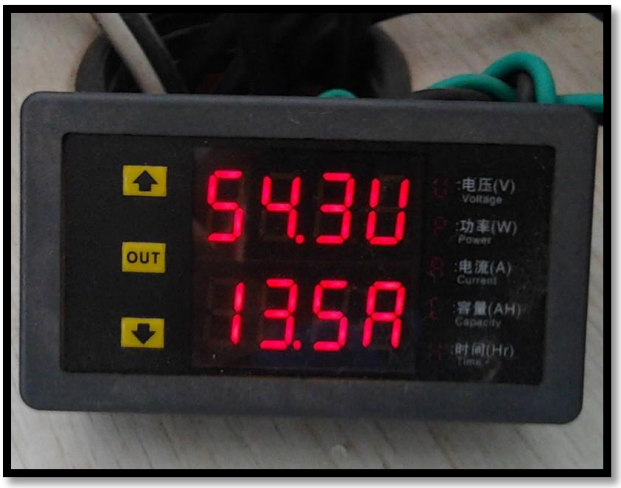
- Input Voltage : 10V -60V
- Input Current: Maximum input current of 15A
- Output Voltage : 12V -80V continuously adjustable
- Output Current: Maximum output current of 10A (adjustable)
- Output Power: The effective power P = input voltage V * 10A
- Conversion Efficiency: up to 95% (input voltage, current; output voltage and current impact of conversion efficiency).
- Short Circuit Protection : Fuse
- Size :8.5x6.2x3.3cm

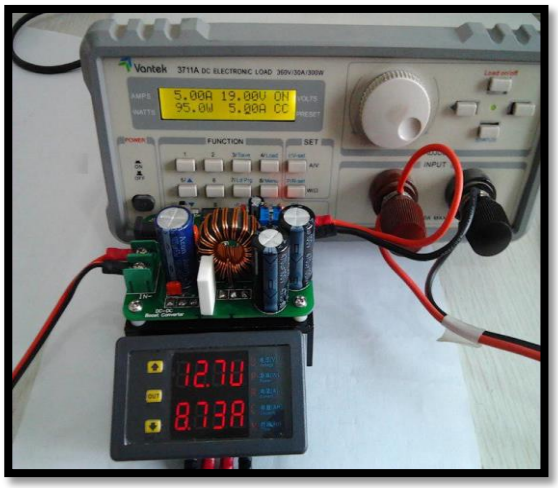
Applications:

- DIY an output adjustable car power supply, only need to enter the access 12V power supply output voltage can be (14V-80V) free continuous adjustment, but the output voltage cannot be lower than the input voltage.
- Universal car laptop power supply. Input connected to 12V power supply, the output voltage can be adjusted to the notebook need work.
- Boost charger with 12V power supply is higher than 12V battery charging, for example, 24V battery and charging current can be adjusted.
- For electronic equipment power supply, as long as the voltage regulator to the required voltage and current does not exceed the rated current is normal.
- System before the power supply when doing a project about 24V of power input of 10V-18V, the system board and a great power, common DC-DC module power is too small, then this module will be your most good choice, do not debug directly on the machine can easily achieve high-efficiency high-power boost.

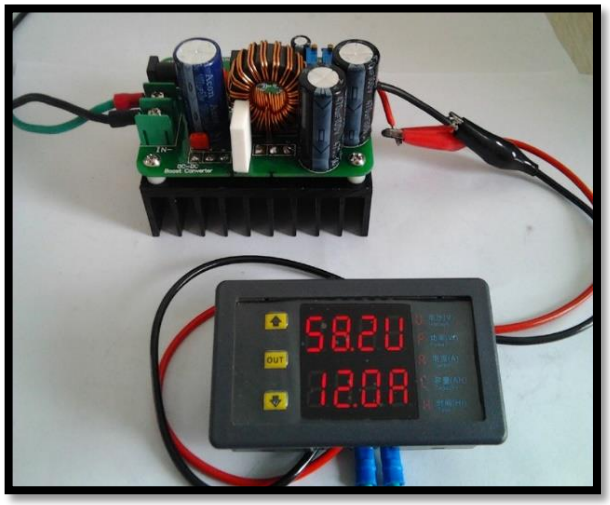
Performance Test:

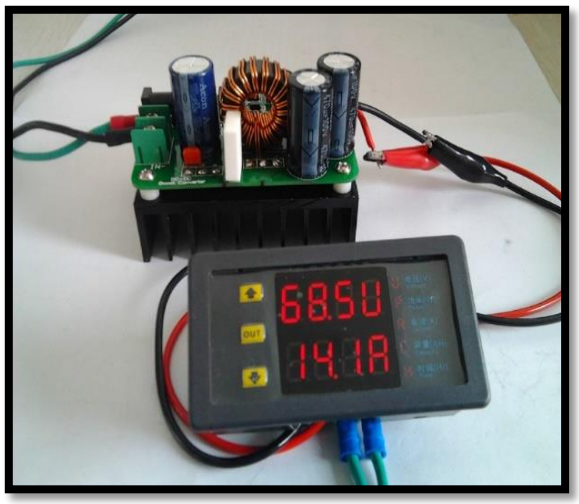
✓ Input voltage of 12V current of 4.17A, the boost output voltage of 20V current 2.4A, module efficiency of 97%.



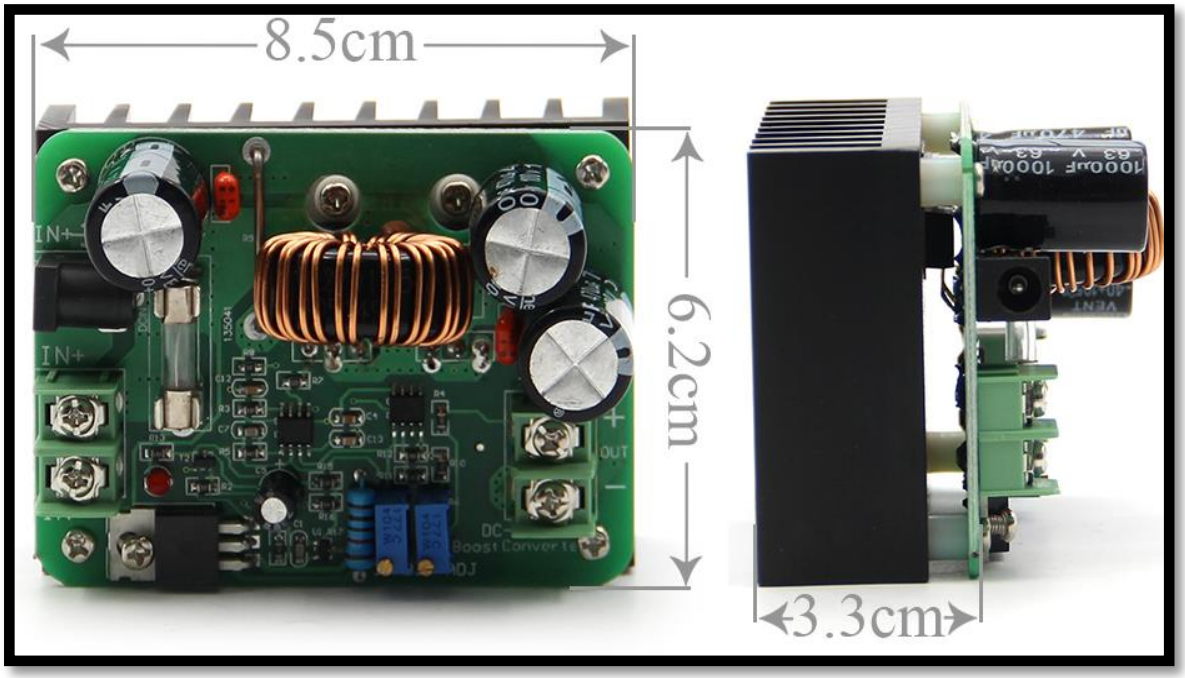


✓ The input voltage of 54V current 13.5A output 58V Current 12A use 5Ω1Kw resistor as a load test, efficiency 95% then 965W output test pattern, use 5Ω1Kw resistor as a load test.





More Detailed Photos:



Made in China