

DC/DC Boost Converter 1200W Voltage Regulator 10-60V 12VDC Step Up to 12-80V 20A Power Supply Module High Power Volt Board with Cooling Fan



Features:

1. Thickening of the radiator and intelligent temperature control cooling fan.
2. Have input MOS meter protection, don't worry about input after burn out the power supply.
3. When used in battery input low battery protection avoid battery discharge damage power supply module and a battery.

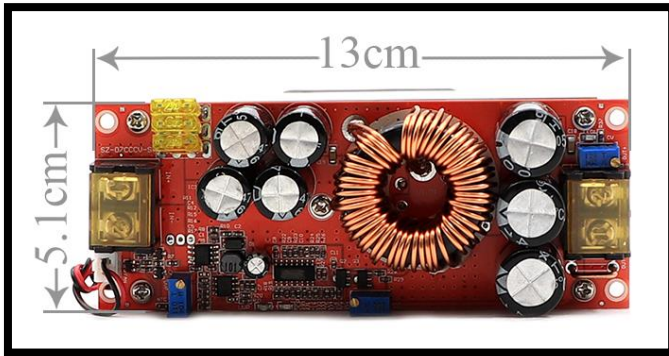
Specifications:

- Module Properties: non-isolated step-up module (BOOST)
- Input Voltage: DC 10-60V
- Input Current: 20A (MAX)
- Output Voltage: 12-80V continuously adjustable
- Output Current: 18A MAX, Over 10A, please enhance heat dissipation (input, output pressure related, the greater the pressure the smaller the output current)
- Quiescent Current: 15mA (12V liter 20V, the output voltage, the higher the current will increase too quiet).
- Constant Range: 0.5-18A (+/-0.3A)
- Output Power: Input voltage * 20A, such as: input 12V * 20A = 240W, input 24V * 20A = 480W
- Overcurrent Protection: Yes
- Input Reverse Polarity Protection: Yes
- Short Circuit Protection: Yes (input 30A fuse) double short circuit protection, the use of more security
- Operating Frequency: 150KHz
- Conversion Efficiency: 92%-97% (efficiency and input and output voltage, current, pressure related)
- Installation: four 3mm screws
- Connection: terminals output
- Working Temperature: -40 to + 85 degrees (ambient temperature is too high, please enhance heat dissipation)
- Dimensions: 13x5.1x6.6cm

Application:

- a DIY power supply, input 12V can be output can be adjustable 12-80V.
- For your electronic device power supply, you can set the output voltage according to your system voltage.
- As a car power supply for your laptop, tablet or a variety of digital products.
- DIY a high-power notebook mobile power: coupled with large-capacity lithium-ion battery pack 12V, where your books go where you can light up.
- Solar panels regulator.
- Charging the battery, lithium battery
- Drive high-power LED lights.

More Detailed Photos:



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