150W 10-32V to 12-35V 6A Step Up Voltage Charger Power DC-DC Boost Converter power supply Adjustable voltage regulator

Features:

Module Properties: non-isolated step-up module
Module Size: Length 65MM * High 23MM * (W 56.5MM including heat sink)
Input Method: IN + input is level, IN-input negative
Output: OUT + output is level, OUT-output negative
Wiring: solderless terminal
Input voltage :10-32V
Output voltage: (a) continuously adjustable (12-35V) Our default shipment voltage 19V Fixed output (12-35V between the arbitrary choice), when buying, please tell treasurer.
Output Current: 6A (MAX)
Input Current: 10A (MAX) (Please enhance heat dissipation over 10A,)
Output power: natural cooling 100W (MAX), plus fan 150W (MAX)
Easy to drive 65W 90W dual-core notebook computers, including
With a 12V battery with plain 19V 3.42A laptop module temperature of about 45 degrees
Conversion efficiency: 94% (Input 16V Output 19V 2.5A when measured) (for reference only)
Operating temperature: Industrial grade (-40 to +85) (ambient temperature exceeds 40 degrees, lower power use, or add fan)
Full load temperature rise: 45
No-load current: Typical 25mA
Short circuit protection: None (Please enter install overcurrent protection device)
Input Reverse Polarity Protection: None, the input diode in series
Dimension: 65x 49 x 23 mm
Applications:
1) DIY an output adjustable vehicle power supply, you only need access to your 12V power input, the output voltage you can (14-35V) continuously adjustable freely, but the output voltage can not be lower than the input voltage, oh.
2) universal car laptop power supply. 12V input connector on your power supply, the output voltage is adjusted to your notebook to work.
3) Boost charger, you can use the 12V power supply is higher than 12V battery charging, for example, 24V battery.
4) power for your electronic devices, as long as you need to adjust the voltage to the voltage and the current does not exceed the rated current can all be working.
5) before the system-level power supply, when you do a project when the input is 10-18V, when, and your system board so they need 24V power supply while the power is large, with ordinary DC-DC module power is too small , then you choose this module we will be your best choice, do not debug directly on the machine can work, easy to do and efficient high-power boost.

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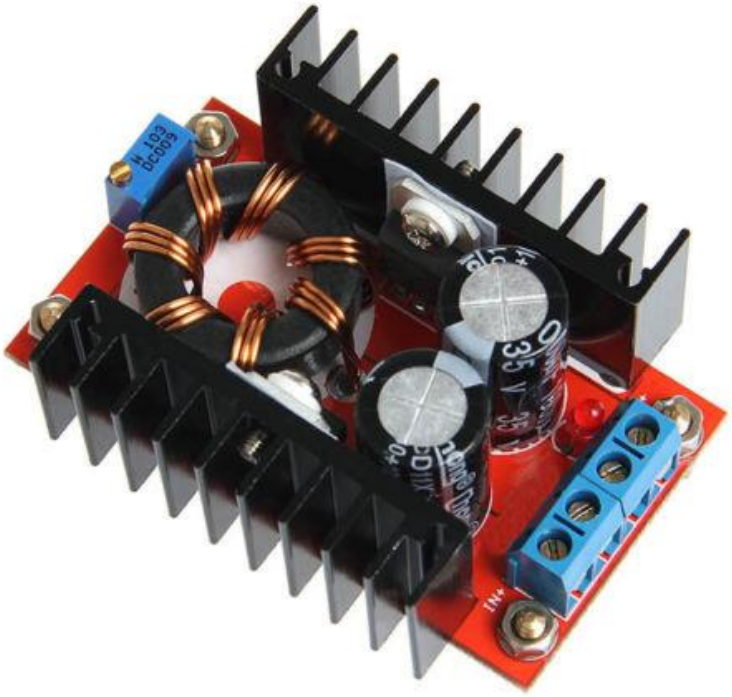

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