

Product description

It is a DC constant voltage constant current step down power supply module. It can be used as ordinary buck power supply module, charger and LED constant current driver. Simple and efficient, practical.

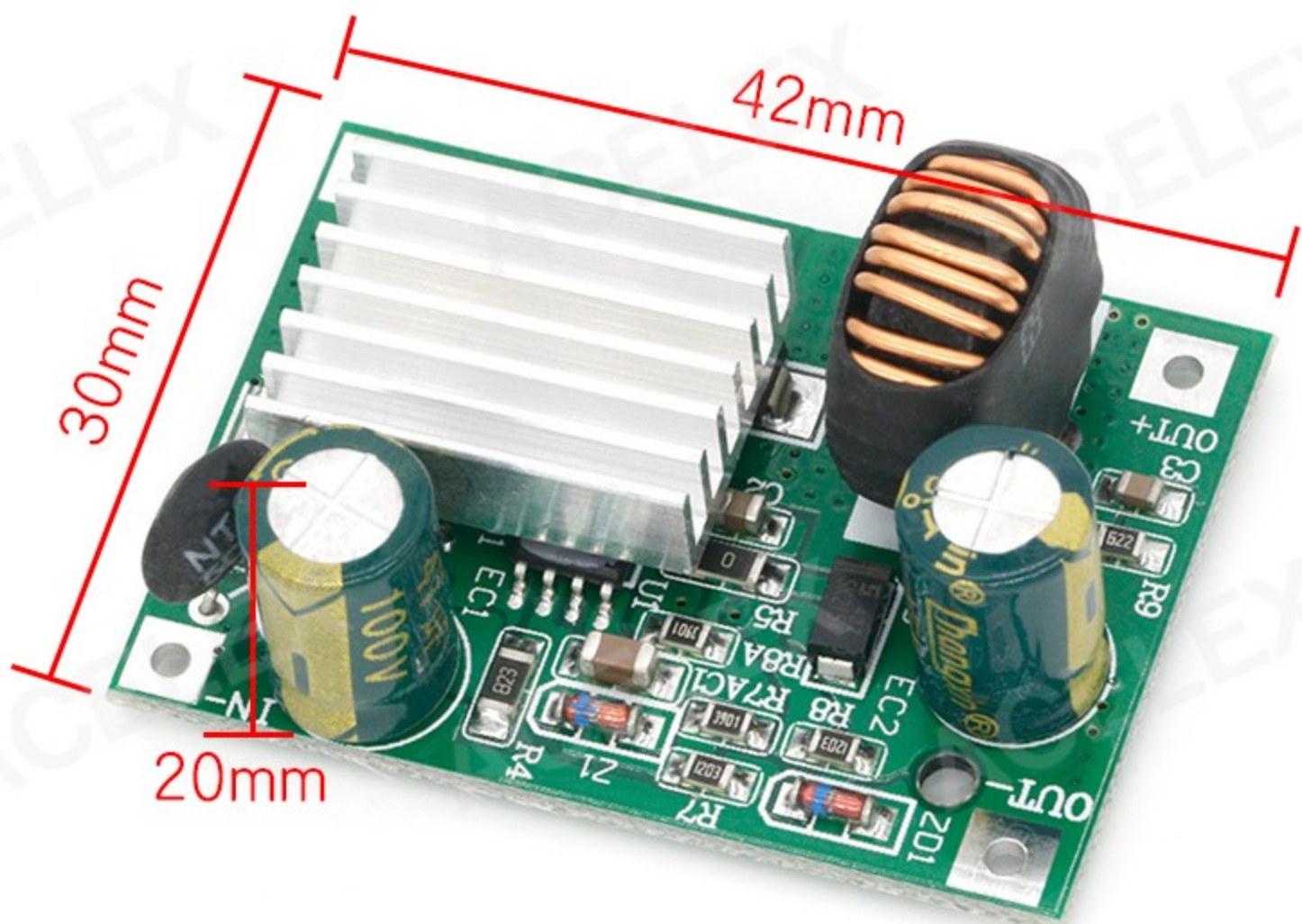
Product Features

1. High input voltage;
2. Stable voltage output;
3. Support over temperature protection;
4. Support overvoltage protection;
5. Support short circuit protection;
6. Low power consumption;
7. Support constant voltage constant current output;
8. Support charging function;
9. With heat sink and keep good heat dissipation.



Product Parameters

Product Name	5V 3A DC Step Down Power Supply Module
Working Voltage	DC 9.0V-120V(Keep input is at least 4.0V high than output)
Output Voltage	DC 5V
Output Current	3A
Output Power	15W
Conversion efficiency	About 96%(The smaller the differential voltage, the higher the efficiency)
Working frequency	140KHz
Soft Starter	Yes(Failure at high power load)
Over temperature protection	Yes
Overvoltage protection	Yes
Short circuit protection	Yes
Working Temperature range	-40°C~85°C
Working Humidity range	0%-95%RH
Size	42*30*20mm



Using Steps

1. Connect right input voltage at input terminal.
2. Turn ON power supply.
3. Check output voltage by voltmeter and ammeter.
4. Connect load.

Applications

1. Ordinary power supply;
2. Battery charger;
3. LED drive power;
4. Power conversion.

Pay attention

1. It is a step down power supply module, So please keep input is at least 4.0V high than output.
2. Input and output are Non-isolated, safe and reliable.

Product Photos



