Instructions of 5 Ampere switch power mode external BEC

5 Ampere BEC with external voltage stabilizer works as the mode of switch power supply with. BEC can obtain direct voltage which suited receiver and other equipments from 2-3S LI-PO batteries, and stably provide output current up to 5A. This BEC can easily supply power for receiver, gyro and multiple servos, so it is well suited for gas rc helicopters and huge fixed plane of more than 30 size.

When the internal BEC output capacity of ESC is inadequate or with no internal BEC, this 5A BEC can match with any brands' BEC, power supply for receiver and other electronic components.

Specification:

1.Output capacity: 5V@5A

2.Mains input: 7.4v-1.1v

3.Size: 50MM*15MM*10MM(length*width*height)

4.Weight: 23g

5.Ripple wave: Less than 50mVp-p (3A/8.4V input)

Features:

1.Design of switching power supply structure, master chip has the defective f unction of over-current and over-temperature, chip efficiency is up to 92%;

2.Output line concatenate magnet ring, greatly reduce electromagnetic interference, ensure the receiver work normal;

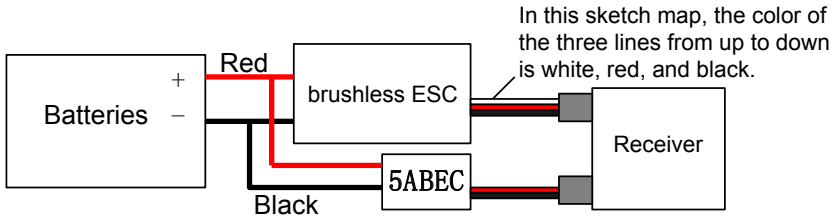
3.Compare with traditional BEC: BEC with switching power supply mode compare with BEC with linear regulator, advantages of: reduce fever of BEC and improve overall efficiency.

4.Particular illustration:

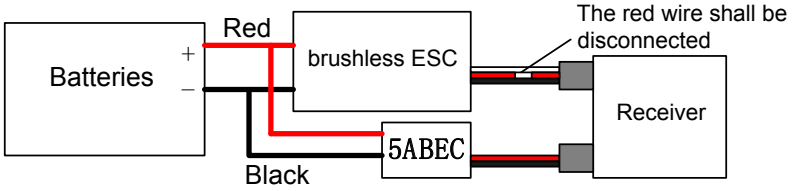
Electromagnetic interference may be generated during the working of 5A BEC with switching mode, which result in some AM and FM receiver suffered affect, in order to guarantee the normal working of receiver, please keep 5cm at least in distance from receiver.

5.Usage:

5.1 Usage of BL ESC without function of internal BEC
BL ESC is no needed any change, just connect the input end of 5A BEC and batteries in parallel, and insert the output end to any idle channel of receiver.



5.2 Usage of BL ESC with function of internal BEC
Cut off the BEC output end of BL ESC itself, that is to disconnect the red wire which between BL ESC and receiver, the others are the same as ways of 4.1 section.



Suggestion: Take off the red line which among of BEC connecting wires from the plug by a thin screw driver, and go through insulating treatment, if internal BEC function of ESC is needed to use again in future, just need to recover the red line.