

ZTW User Manual of UBEC 8A G2

01 Features

- 1.High efficiency regulator chip greatly improves anti-interference capability to guarantee the normal operation of the receiver.
- 2.LED indicator for indicating the work status of the UBEC, Red LED is always on solid when the output is in normal range.
- 3.Switchable output voltage (5.0V/6.0V/7.4V) applicable for servos with different voltages.

02 Specification

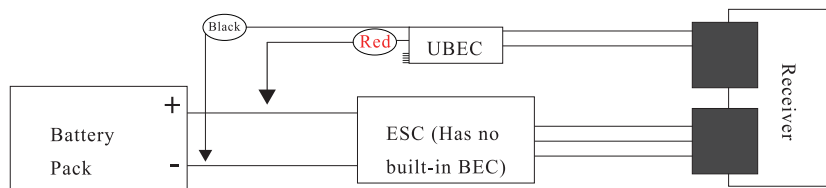
Model	UBEC 8A G2
Input Voltage	7V—34V (2—8S Lithium Battery Pack)
Output Voltage	5.0V/6.0V/7.4V/8.4V Switchable
Output Current	Continuous Current 8A, Peak Current 15A
Size	48x22x7mm (length x width x height)
Weight	14g

03 User Guide

1 Connection diagram

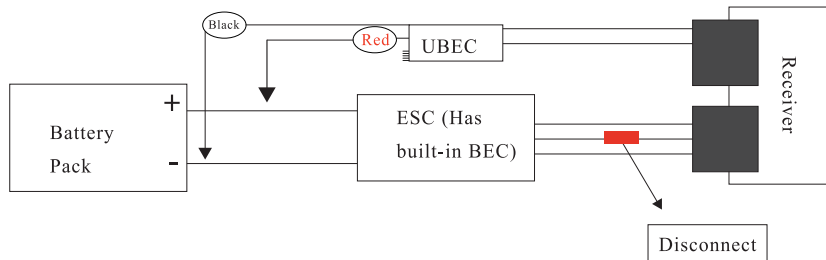
(1)When brushless ESC has no built-in BEC function

There is no need to make any change to the ESC. You only need to connect the input end of the UBEC parallel to the battery pack, and plug the output end into any unoccupied channel on the receiver.



(1)When brushless ESC has built-in BEC function.

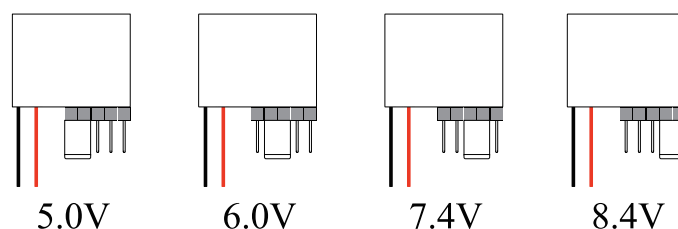
Disconnect the red wire from the signal cable of the ESC, that is to cut off the BEC output from the ESC, and then connect the input end of the UBEC parallel to the battery pack, and plug the output end into any unoccupied channel on the receiver.



Remark:Switch mode UBEC may cause some electromagnetic interference to receiver, in order to ensure the normal operation of the receiver, please keep the distance between the UBEC and the receiver exceeds 5cm.

2 Voltage output adjustment

The output voltage can be adjusted in four levels (5.0V/6.0V/7.4V/8.4V) through short-circuit the wire jumper with different pins. The setting method of each voltage output is shown in the below picture.



Remark: A 3S or more than 3S Lithium battery is needed when you set 7.4V or 8.4V output.

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中特威UBEC 8A G2使用说明书

01 特点

- 1.采用高效率的稳压芯片,大大提高了抗干扰性,确保接收机正常工作。
- 2.具有工作状态指示灯,当输出正常时红灯常亮。
- 3.UBEC输出电压四档可调(5.0V / 6.0V / 7.4V/8.4V),可满足各种电压规格的舵机使用。

02 产品规格

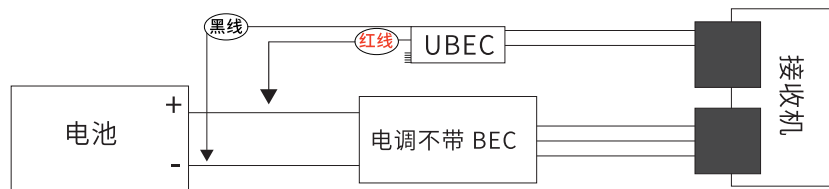
型号	UBEC 8A G2
输入电压	7V—34V (2—8S锂电池组)
输出电压	5.0V/6.0V/7.4V/8.4V (四档可调)
输出电流	持续输出电流8A, 峰值输出电流15A
尺寸	48x22x7mm (长x宽x高)
重量	14g

03 使用方法

1 连接示意图

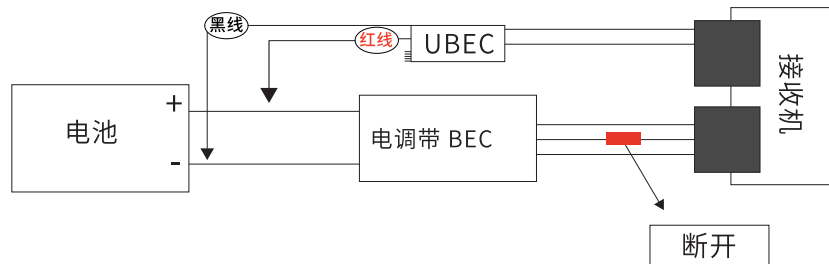
(1)当无刷电调不具备内置BEC时

无刷电子调速器不需要任何更改,只要将UBEC的输入端和电池组并联,输出端插入接收机一个空闲通道即可。



(2)当无刷电调具备内置BEC时

将BEC电子调速器信号线中红色线断开,也就是将BEC无刷电子调速器自身的BEC输出断开,然后将UBEC的输入端和电池组并联,输出端插入接收机一个空闲通道即可。

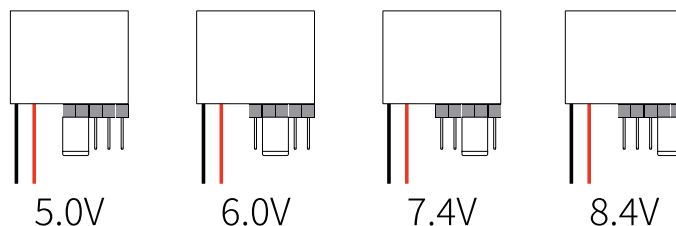


注:开关稳压模式的UBEC可能会产生一些电磁干扰,为保证接收机正常工作,请在安装UBEC时,将它和接收机保持5cm以上的距离。

2 电压输出调节方法

通过跳线帽短接不同的插针,可设置输出电压四档可调: 5.0V / 6.0V / 7.4V / 8.4V。

如图所示,各电压输出档设置方法为:



注:当设置7.4V或者8.4V输出电压时,需使用3S及以上锂电池。

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