

# 中特威/ZTW电子调速器外置式3A UBEC/6A UBEC使用说明

## ZTW 3A UBEC规格:

1. 开关式电源 (Switch Mode)
2. 输出电压: 5V/3A或6V/3A (输出电压可通过跳线帽切换)
3. 输入电压: 5V-25V (2-6S锂电池组或5-18节镍氢/镍镉电池组)
4. 输出电流: 持续输出电流3A, 峰值输出电流5A。
5. 尺寸: 30\*9\*6MM (长.宽.高)
6. 重量: 7G

## 特点:

1. 采用美国航空军用电源管理芯片, 工作效率高, 大大提高了抗干扰性, 确保接收机正常工作。
2. 通电指示功能。
3. 电源极性接反保护功能, 如接反电源极性, UBEC将无法工作。

## 使用方法:

### 1. 使用OPTO电子调速器必须外接BEC (UBEC)

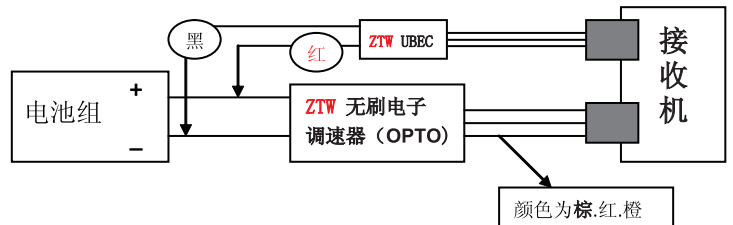
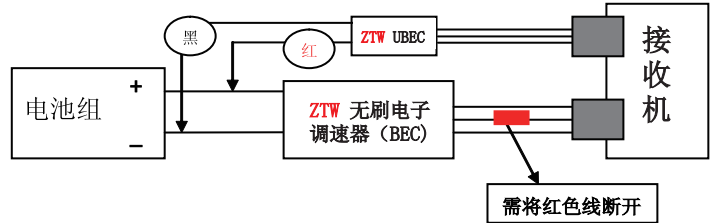
无刷电子调速器不需要任何更改, 只要将UBEC的输入端和电池组并联, 输出端插入接收机一个空闲通道即可。

### 2. 用内置BEC电子调速器连接UBEC使用方式

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。再连接UBEC (同OPTO无刷电子调速器使用方法一样)。

## ZTW 6A UBEC规格:

1. 开关式电源 (Switch Mode)
2. 输出电压: 5.0V/6A或5.5V/6A 6.0V/6A (输出电压可通过跳线帽切换)
3. 输入电压: 6V-25V (2-6S锂电池组或5-18节镍氢/镍镉电池组)
4. 输出电流: 持续输出电流6A, 峰值输出电流10A。
5. 尺寸: 45\*23\*10MM (长.宽.高)
6. 重量: 18G



注: 因天气. 场地原因, 如有干扰, 请把您的UBEC安装位置离开接收机至少5CM以上距离

## The User Manual of ZTW 3A & 6A UBEC

### Specification Of ZTW 3A UBEC

1. Switch Mode
2. Output: 5V/3A or 6V/3A switchable (Changeable with a blue jumper)
3. Input: 5V-25V (2-6S Lipo, 5-18S NiMH/NiCd)
4. Output Current: Continuous Current 3A, Burst Current 5A
5. Size: 30.0mm\*9.0mm\*6.0mm (Length\*Width\*Height)
6. Weight: 7.0g

### Features

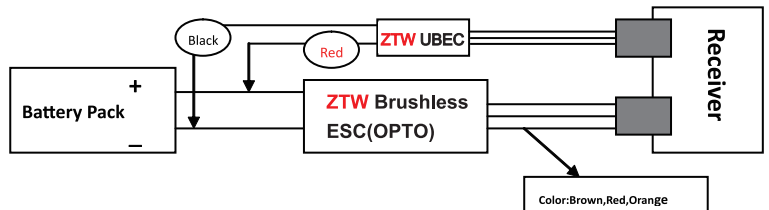
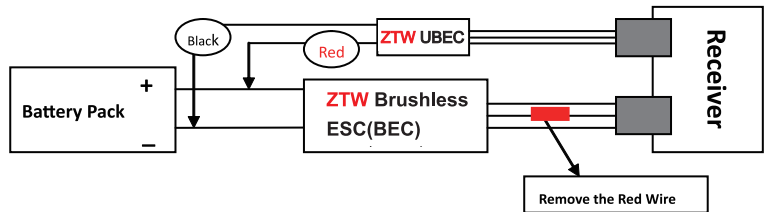
1. Adopting the USA CPU and decreasing the electromagnetic interference, to be sure that receiver works well .
2. The working status of UBEC is shown by an indicator (LED). When UBEC works, the blue LED lights.
3. Battery polarity reversal protection (If the connection is wrong, the UBEC can not work.)

### How to Use the UBEC, please carefully look at the connections as follows

1. Connecting UBEC with ESC OPTO, you just parallelly connect the input connector of UBEC with the battery pack, and plug the output connector of the UBEC into one of spare channels of the receiver.
2. Using ESC SBEC, you must remove the red wire of the signal wires of ESC SBEC to receiver before connecting with the UBEC. (the connection with ESC SBEC is same as connection with the ESC OPTO)

### Specification Of ZTW 6A UBEC

1. Switch Mode
2. Output: 5.0V/6A ,5.5V/6A or 6.0V/6A switchable (Changeable with a blue jumper)
3. Input: 6V-25V (2-6S Lipo, 5-18S NiMH/NiCd)
4. Output Current: Continuous Current 6A, Burst Current 10A
5. Size: 45.0mm\*23.0mm\*10.0mm (Length\*Width\*Height)
6. Weight: 18.0g



Note: Because of the weather and ground, please connect the UBEC at least in a distance 5cm far away from the receiver to avoid the electromagnetic interference.