Digital servos and binding servos of any kind typically have higher current draw. As a general rule, micro and sub-micro servos draw less current, maximum airflow; cooling can significantly aid in the performance of the BEC.

- 1 analog standard servo, 1 digital sub-micro servo, 2 analog sub-micro servos—E-flite Apprentice
- 3- to 4-cell Li-Po, 9- to 12-cell Ni-MH/Ni-Cd input voltage
- 3.5mm gold bullet connectors on motor output leads

**Warning:**

- notes for BEC usage guidelines. You must follow these guidelines for safe operation. If you do not follow these guidelines, you may not be able to use your product with the BEC. Any use of the BEC in a manner that exceeds the guidelines may void your warranty and may damage your product.

### Programming Menu - Voltage Setup

- To program the input voltage at which the ESC will start to monitor and prevent damage to the motor when it is not powered off. Voltage settings are made with the ESC powered on and the throttle stick in the center position.

- Move the throttle stick to hold in the middle position to change the voltage in the setting menu.

- To select 7.4V—You will hear 7 short beeps. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the voltage level. You may then change the ESC Voltage setup for the next menu.

### Programming Menu - Brushless ESC Options

- To select 8KHz PWM Frequency—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - Battery Type

- To select 32KHz PWM Frequency—You will hear 3 short beeps. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - Angle Type

- To select 1.5-degree—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - Motor (ESC) Mode

- To select Normal Mode—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - Motor Pulse

- To select 15 Degrees—You will hear 3 short beeps. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - BEC Monitor

- To select 30A Pro Switch-Mode BEC—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - 300-Amp Pro Switch-Mode BEC Brushless ESC (V2)

- To select 30-Amp Pro Switch-Mode BEC—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - Start of Setup

- To enter the ESC into the setup mode, you must first set the current voltage level. Changing the voltage setting on the ESC will cause damage to the ESC if the voltage level is incorrect.

- To select 7.4V—You will hear 7 short beeps. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - 30-Amp Pro Switch-Mode BEC Brushless ESC (V2)

- To select 30-Amp Pro Switch-Mode BEC—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - BEC Setup

- To select 0.25 seconds—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - BEC Setup

- To select 8KHz PWM Frequency—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - BEC Setup

- To select 32KHz PWM Frequency—You will hear 3 short beeps. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - BEC Setup

- To select 15 Degrees—You will hear 3 short beeps. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - BEC Setup

- To select 0.25 seconds—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - BEC Setup

- To select 15 Degrees—You will hear 3 short beeps. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

### Programming Menu - BEC Setup

- To select 0.25 seconds—You will hear 1 short beep. Move the throttle stick to center. The ESC will beep 2 times, indicating you have set the option.

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