

Battery Eliminator Circuit

Dualsky Xcontroller provides a linear Battery Eliminator Circuit (BEC) that will convert the voltage in your battery pack to the proper voltage for the operation of your receiver and servos. The Dualsky BEC will supply 3 amps of current with a 2S LiPo pack. Please note that the current supplied by the BEC is limited, and that the capacity is affected by the number of cells in your system. Higher numbers of cells REDUCE the amount of current your BEC can deliver. Refer to the following chart as a guide for BEC usage.

Servo Type	5-6	7-8 cells 2 cell LiPo	9-10 cells 3 cell	>10 cells >3 cell
Standard or Micro	4	4	4	Do not use BEC
High torque or Digital	4	4	2	Do not use BEC

If you are using more than ten NiMH/NiCad cells, more than 3 LiPo cells, or your power consumption is excessive, you must disable the BEC and use a separate power source for the receiver. Disable the BEC by cutting or removing the red wire from the servo lead wire on the controller. Do not use the BEC to power other items on your plane such as lights.

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