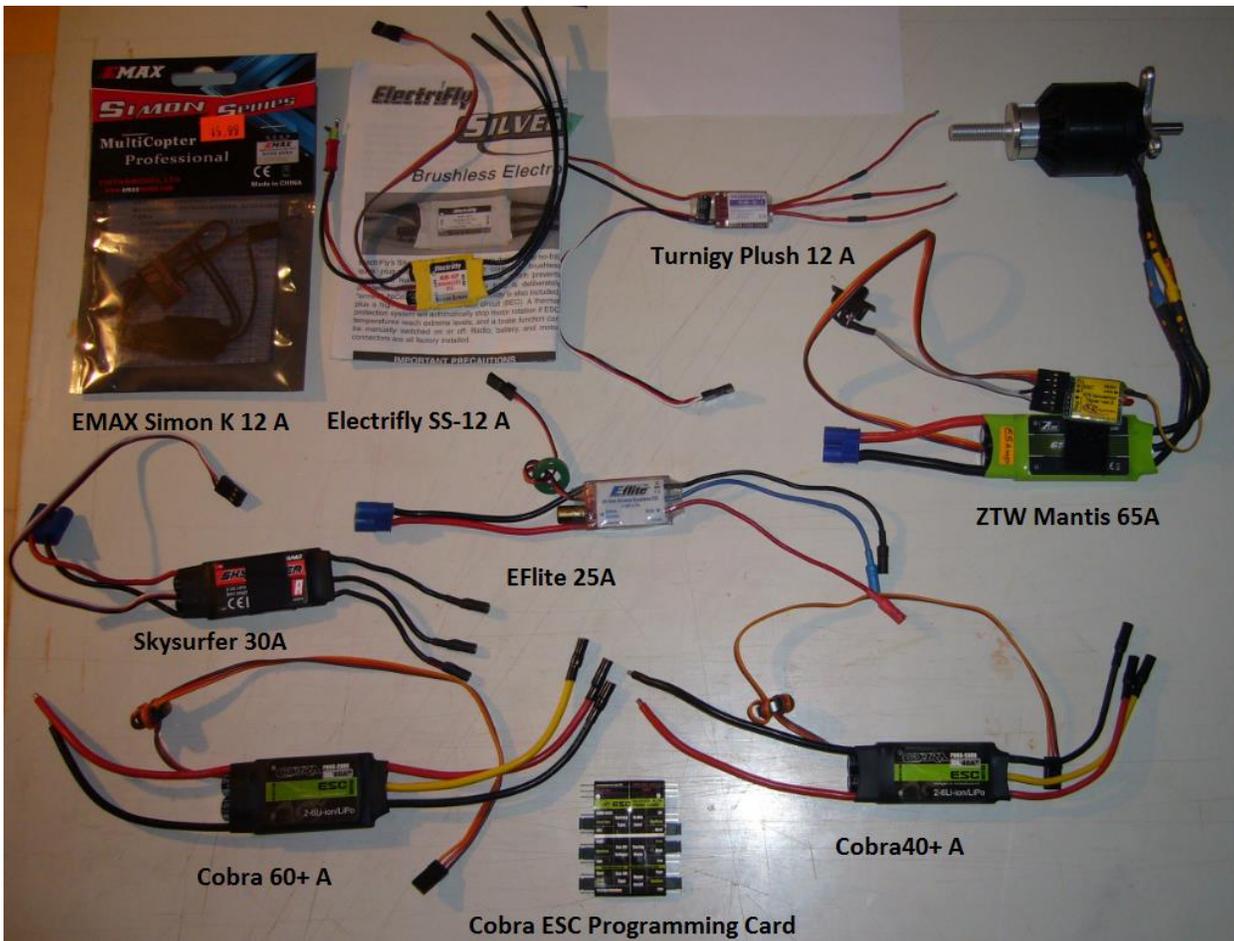


ESC selection – indoor and outdoor C/L



My criteria for ESCs (minimum requirements):

1. They must work with KR governors (KRG)
2. They should have the option to set the propeller brake but this is not mandatory for the indoor flight
3. Minimal weight
4. Available on the web or/and in Toronto hobby stores
5. Manual available and written in passable English

Details:

INDOOR FLIGHTS

EMAX SimonK 12A is my choice for the indoor flight. A&J hobbies have this ESC in stock and it fulfills the criteria listed above. I have tried to order this ESC directly from China but, after a very long wait, I had to cancel the eBay transaction because the product did not arrive. No explanation was given why I did not receive the product.

The indoor electric system with this ESC emits the usual sequence of beeps when the battery is connected and, when the master switch is moved to ON position, the propeller rotates for about 1-2 seconds.

ElectriFly SS-12A does not work with KRG.

Turnigy Plush 12A is my second choice for the indoor flight. It does everything **EMAX SimonK 12A** does but there is no 1-2 seconds propeller rotation after the master switch is moved to ON position.

OUTDOOR FLIGHTS

ZTW Mantis 65 A was sold as the part of the package containing the Black Tiger 60-76 size electric motor by RSM Distribution (<https://www.rsmdistribution.com>). It fulfills the criteria but it may not be available for immediate delivery.

Skysurfer 30A fulfills the criteria but it may not be available for immediate delivery.

It served for a long time in my LGW and is a good choice for small models.

EFlite 25A fulfills the criteria.

Cobra 60+ and 40+A ESC are my choice for the outdoor flight. These ESC use the Programming Card to set up the parameters in a very easy way. The system with these ESC provides only a single beep when the battery is connected. There is 1-2 seconds propeller rotation after the master switch is moved to ON position.

The main advantage of Cobra ESC (and also Cobra motors) is exceptional and truly knowledgeable customer support. The company President is not only the excellent communicator but he knows his products inside out. The company (<http://innov8tivedesigns.com>) tests everything they sell and publish the detailed tests results on the web. I have learned a lot dealing with innov8tivedesigs and these are hard technical facts not usual sales talk so popular these days.