

Electro Vee - suggested parts and equipment

by Dan Proulx & Andy Valentine



Hull - Graupner Electro Vee

*Available from Hub Hobby in Richfield, MN. Just off of Penn Avenue.
It's about the same price - \$25.00*

Motor - Graupner Speed 700bb Turbo 8.4V

Available from Hub Hobby in Richfield

*Speed Control - RC-Hydros.com Model SC3-4C
<http://www.proboatmodels.com/>*

This is the BEST choice for a speed controller - We wouldn't even consider others. RC Hydros does have other models that are available as well. Any of their controllers that handle 12 cells and at least 50 amps will work.

Hardware

*6-12 cell mono hardware kit with standard strut or kit with longer 3-1/4" bracket and heavy duty strut.
About \$85-100 a set.*

Also from Fullers:

- One pair of 12 cell trim tabs.*
- One "Fuller Custom Mono Hull Turn Fin"*
- One motor mount for Graupner 700 series motors*

This hardware is kind of expensive but can be worth it in time and effort. With some skill, the tabs, turn fin and motor mount can be homemade with little effort.

Batteries & charger

Robotic Power Solutions - Steve & Sarah Hill are the owners. They have a website for browsing prices but I would call and talk to them directly.

<http://www.battlepack.com> 502-639-0319

Just tell them we sent you and let them know that you're going to be running with the Edina Model Yacht Club. They'll treat you well.

Order(3) 12 cell packs to get started. They don't necessarily need to be matched packs but make sure they are "zapped". They'll know what you mean.

For chargers, Astro is a good choice. There is a variety of others available as well. Keep in mind the number of cells you want to charge at once (6 or 12 up to you) will it require a seperate AC power supply, and you'll want to be able to charge at 5amps minimum in most cases. Other chargers are available on the market, use the specs here as a guide.

The Astro 110 Deluxe will charge 1-24 cells, charge and discharge your cells and push up to 8 amps. Another step up would be the Astro 112 Deluxe that handles 1-40 cells. Both will require a seperate AC power supply. The 110 and 112 chargers can be purchased from BattlePack and Fuller's. Range from \$110-160 add a power supply for about \$80.

In any case before you place an order for these parts we'd suggest that you stop by the pond to check us out and ask any questions you may have. We've burned a lot of time and money to get where we are now, put that to good use for yourself before experiencing some of the same pittfalls. If you're shopping during the offseason, feel free to drop us a note on the forum under the Fast Electric group topic. If you gotta have it, go ahead and use this list, the majority of the EV's we have running now are set up with the parts on this list.