



## LS Hydro - Fast Electric SPEC

by Andy Valentine



Limited Spec Hydro  
Club SPEC:  
Scale Sport Hydro hull  
Open material  
700bb style can motor  
12 cells - 14.4 volts max  
Common hulls:  
Classic Hydros - Vintage Shovelnose  
Bandit Shovel nose  
Common hardware:  
Hughey hardware kit (3/16" shaft)  
Fuller hydro kit (3/16" shaft)  
Turn fin, motor mount  
Common props:  
Octura x642, x645, m445, m545

While we offer these Spec's to grow the number of participants, we will not exclude anyone from racing. We also run a variety of modified boats in various 6,8 and 12 cell classes.

The "common" components list are not required, rather what the group continues to use after years of trial and error. If you have any questions, or are new to the sport please look up Dan Proulx or Andy Valentine to get started. The best thing you could do is meet us on a Thursday night to see some of the boats in action and ask questions before you buy anything. All of us have gone through the learning process the hard way and would rather not see you do the same thing. It's up to you.

Hub Hobby in Richfield carries Hughey Hardware, and 700bb motors among other items needed. The cost there is at or near the cost of ordering from the web. Fuller's hardware can be purchased from [www.drcwebservices.com/ffe/hardware.htm](http://www.drcwebservices.com/ffe/hardware.htm) on the web. Batteries are not listed at top as the vast majority of cells we use are ordered from Steve Hill at [www.Battlepack.com](http://www.Battlepack.com). With the ever changing variety of NiCad and NiMh cells available it's hard to mention one specific cell type. Call Steve (502-639-0319) and mention that you are with EMYC and what you need the batteries for, he'll help in the decision process. He hasn't lead us in the wrong direction yet in years of racing and his prices can't be beat. If you are in the need of a charger, Astro 110 or 112 deluxe chargers would be a good choice. They are both DC chargers and would need a separate AC\DC power supply but the cost and features would be well worth the money. There are many lower cost AC\DC chargers available. Just remember you'll need to charge 6 and/or 12 cell packs at once, and they should be able to handle a 4-5 amp charging rate. For ESC's we use RC-Hydros 60 or 90 amp water cooled units [www.rc-hydros.com](http://www.rc-hydros.com). Others are available, but we haven't found another waterproof ESC as tough as these!

The relative cost for each Spec class can range from \$300 and up for a ready to run boat. If you are able to make some of the hardware yourself this will save some money. Feel free to check ours out for inspiration, and ask questions!

### Suppliers

[Classic Hydros](#)  
[Fullers Fast Electrics](#)  
[Battlepack batteries](#)  
[Fine Design RC](#)  
[Blew By You Racing](#)  
[Hub Hobby - Richfield, MN](#)