



FE 4S/P-OPEN OUTRIGGER RACING HYDRO

Templates - KEP's FE-4S V2 (P-Open class, 4 cell LiPo) Electric Outrigger Racing Hydro - Freebie PDF 1 of 2

Vers. 2.0 / 2017-11-21

Scale: 1:1 / Paper size: A1 = 841 x 594 mm

© Design by Niklas Edlund

Version 2.0: Updated with new turnfin mount, new turnfin and new sponsons.
The motor off-set measurements on bulkhead #3A/B is corrected (typo).
Added measurements for a TP motor-mount plate with 60° split.

Note, this KEP's FE-4S boat is designed for the US P-Open class but it's also suitable for the P-Limited class.
The FE-4S is made for 36 or 40 mm diameter motors up to 74 mm in length. Note, there is also a KEP's FE-4SL freebie available that is optimized for the Aquacraft 35-56-2020KV motor and it's slightly smaller then this one.

Note 2, if you plan to go really fast you need to optimize the cooling for the ESC the best you can! Use big silicone tubes & thick brass tube in the tub for the water cooling. It might even be suggested that you increase the water pick-up hole diameter in the rudder blade and add a separate cooling loop for the motor/esc. *Heat kill's ESC's!*

