



Hydro generator home made

watt&sea is very expensive , why?

I made myself with an E-out border foot and with a wind turbine charger controller my hydro generator.

Cost less than Euro 1300.-.

And my hydro generator is working very well!!

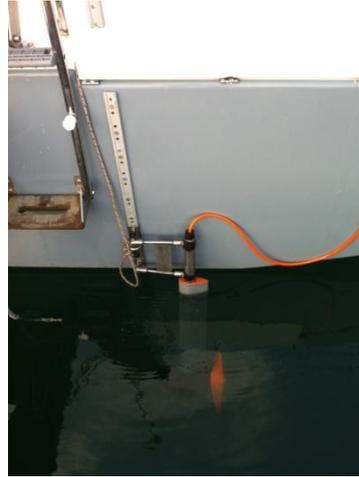
He starts to charge with the actual propeller with 5 knots speed, at 7knots he charged 7 to 10 amps, at 8 knots 13 to 15 amps(depending of the charge of the batteries), this is more or less my cruising speed (RM 1200,Schnufao, one keel, two rudders, square head main sail). Depending of the battery voltage (max. 14,4 Vdc) and the boat speed we can reach 25 amps until the break device starts to stop the propeller to avoid overcharge. Max. voltage and max. amps are adjustable on the digital device.



Complete set, mounting device, hydro generator, charger controller



Parking position



working position



9,5 knots wind 7 knots speed



Charger controller 12,9 Vdc and 6,5 Amps



Hydro power generator at work