

392'856'635 calculated drives - the most used setup tool

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54A (http://www.s4a.ch) Member Full Version



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Welcome Jorge

Membership Expiry: 02/07/24

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all data without guarantee - Accuracy: +/-10%

propCalc - Propeller Calculator News (index.htm#news) | Toolbox (index.htm#toolbox) | Easy View (motorcalc_mobile.php) | Help (calcincluide/help/propcalchelp.htm) | Submit Specs (calcmember/submitmotor.htm) | Language: english

General, Battery Cell, Controller, Motor, Propeller input fields and dropdown menus for configuration.



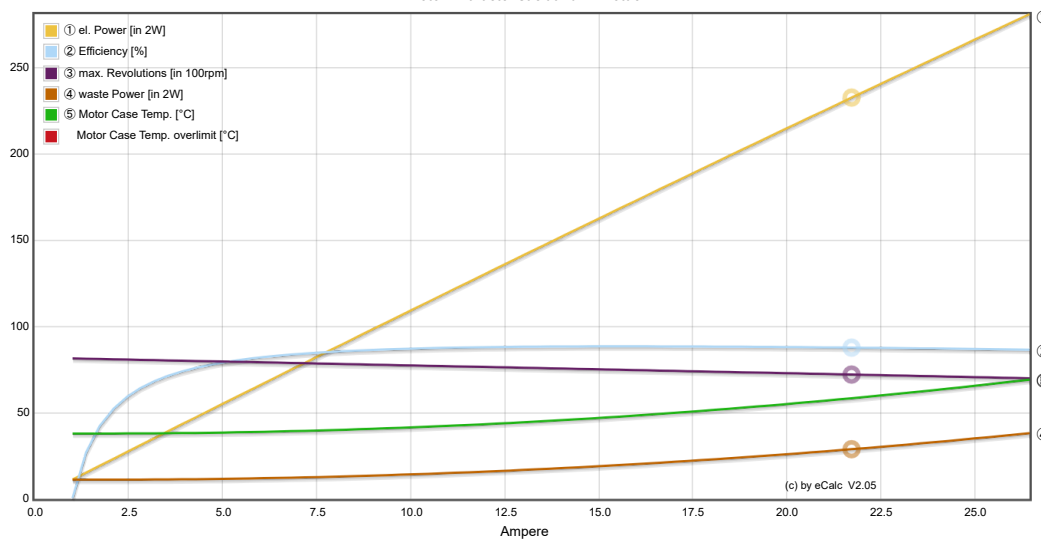
- Remarks: The airflow at the propeller blade will stall. Therefore the static thrust and max. current may not be reached. On ground you will measure "Stall Thrust" as maximum.

Summary table with columns: Battery, Motor @ Optimum Efficiency, Motor @ Maximum, Propeller, Total Drive, Airplane. Includes various performance metrics like current, voltage, power, weight, and speed.

share performanceCalc add to >> Download .csv (0) << clear

Motor Partial Load table with columns: Propeller, Throttle, Current (DC), Voltage (DC), el. Power, Efficiency, Thrust, Spec. Thrust, Pitch Speed, Speed (level), Motor Run Time.

Motor Characteristic at Full Throttle



Important Note: Before flight recheck your max. current! If your Current, el. Power or RPM are over the manufacturers limits your motor, controller and/or battery may take damage! Verify before flight by measurement!

for printing use Landscape format * The manufacturer limitation is NOT monitored ** Testdata with reduced accuracy

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