

Temperatures (52°C) from Rear mount plate;  $I_o = 1.6A$ ,  $R_m = 100m\Omega$ 

Recommended props: 8x4 GWS HD, 9x5 GWS HD

Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
<b>5.25x6.25 APC E</b>								
Motor -°C: Set on PS: 14.7v	14.6	19.10	278	18840	111.5	507	17.85	1.82
<b>6x5.5 APC E</b>								
Motor -°C: Set on PS: 14.7v	14.5	20.90	303	18480	96.3	796	28.03	2.63
<b>7x5 APC E</b>								
Motor 22°C: Set on PS: 7v	6.9	10.00	69	9270	43.9	384	13.52	5.57
8v	7.8	12.40	98	10320	48.9	497	17.50	5.07
9v	8.8	14.80	131	11370	53.8	606	21.34	4.63
10v	9.7	17.20	167	12360	58.5	733	25.81	4.39
278mAh, 37°C: 11v	10.7	19.80	213	13320	63.1	860	30.28	4.04
<b>8x4 GWS HD</b>								
Motor 23°C: Set on PS: 7v	6.8	9.45	65	9270	35.1	450	15.85	6.92
8v	7.8	11.70	92	10410	39.4	576	20.28	6.26
9v	8.8	14.00	124	11460	43.4	702	24.72	5.66
10v	9.8	16.70	163	12840	48.6	848	29.86	5.20
249mAh, 43°C: 11v	10.7	19.30	207	13380	50.2	988	34.79	4.77
<b>8x6 APCE</b>								
Motor 30°C.								
2s 4000 GPS: 8.3v	7.8	21.10	163	9030	51.3	683	24.05	4.19
3s 4000 GPS: 12.4v	11.2	36.70	397	11220	63.8	1114	39.23	2.81
33°C, 165mAh, to 65°C:								
<b>9x5 GWS HD</b>								
Motor 30°C. Set on PS: 7v								
2s 4000 GPS: 8.4v	7.9	19.50	153	9300	44.0	876	30.85	5.73
3s 4000 GPS: 12.6v	11.4	33.20	374	11880	46.3	1500	52.82	4.01
153mAh, to 60°C:								

Temperatures (52°C) from Rear mount plate: Io = 1.6A, Rm = 100mΩ

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Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
<b>5.25x6.25 APC E</b>								
Motor -°C: Set on PS: 14.7v	14.6	19.10	278	18840	111.5	507	17.85	1.82
<b>6x5.5 APC E</b>								
Motor -°C: Set on PS: 14.7v	14.5	20.90	303	18480	96.3	796	28.03	2.63
<b>6.5x6.5 Graupner CAM Speed</b>								
Motor 21°C: Set on PS: 7v	6.9	9.00	62	9420	58.0	249	8.77	4.02
8v	7.8	10.90	85	10560	65.0	308	10.85	3.62
9v	8.8	12.90	114	11640	71.6	375	13.20	3.29
10v	9.8	15.25	150	12780	78.7	455	16.02	3.03
273mAh, 43°C: 11v	10.8	17.50	189	13770	84.8	527	18.56	2.79
<b>7x3.8 APC SFW</b>								
Motor 22°C: Set on PS: 7v	6.9	10.60	73	9150	32.9	451	15.88	6.18
8v	7.8	13.10	103	10200	36.7	575	20.25	5.58
9v	8.8	16.00	141	11220	40.4	750	26.41	5.32
10v	9.8	18.90	184	12120	43.6	848	29.86	4.61
279mAh, 46°C: 11v	10.7	21.80	234	13020	46.9	987	34.75	4.22
<b>7x5 APC E</b>								
Motor 22°C: Set on PS: 7v	6.9	10.00	69	9270	43.9	384	13.52	5.57
8v	7.8	12.40	98	10320	48.9	497	17.50	5.07
9v	8.8	14.80	131	11370	53.8	606	21.34	4.63
10v	9.7	17.20	167	12360	58.5	733	25.81	4.39
278mAh, 37°C: 11v	10.7	19.80	213	13320	63.1	860	30.28	4.04
<b>7x5 UH "APC E"</b>								
Motor 29°C: Set on PS: 7v	6.9	10.30	71	9270	43.9	410	14.44	5.78
8v	7.8	12.70	100	10320	48.9	519	18.28	5.19
9v	8.8	15.30	135	11310	53.6	628	22.11	4.65
10v	9.7	18.30	180	12240	58.0	736	25.92	4.09
293mAh, 48°C: 11v	10.7	21.20	227	13080	61.9	845	29.75	3.72



<b>Motor</b>	<b>Suppo A2217K/6: 1500Kv: 72g: 14-22A/28A max. 9.10.07, PH 25A ESC</b>
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Recommended props: 8x4 GWS HD, 9x5 GWS HD

Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
<b>8x4 APC Folder</b>								
Motor 22°C: Set on PS: 7v	6.9	7.75	54	9600	36.4	312	10.98	5.78
8v	7.9	9.70	76	10800	40.9	411	14.47	5.41
9v	8.9	11.60	103	11910	45.1	515	18.13	5.00
10v	9.8	13.65	134	13050	49.4	624	21.97	4.66
222mAh, 42°C: 11v	10.8	15.75	170	14070	53.3	741	26.09	4.36
<b>8x6 APCE</b>								
Motor 30°C.								
2s 4000 GPS: 8.3v	7.8	21.10	163	9030	51.3	683	24.05	4.19
3s 4000 GPS: 12.4v	11.2	36.70	397	11220	63.8	1114	39.23	2.81
33°C, 165mAh, to 65°C:								
<b>9x5 GWS HD</b>								
Motor 30°C.Set on PS: 7v	6.8	15.60	106	8370	39.6	692	24.37	6.53
2s 4000 GPS: 8.4v	7.9	19.50	153	9300	44.0	876	30.85	5.73
3s 4000 GPS: 12.6v	11.4	33.20	374	11880	46.3	1500	52.82	4.01
153mAh, to 60°C:								