

Motor	Suppo A2208/12: 1800Kv: 39g: 6-10A/16A max. 11.30.07, Markus 30A ESC
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Temperatures (52°C) from Rear mount plate: Io = 0.8A, Rm = 0.090Ω

Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
5.25x6.25 APC E								
Motor 22°C: Set on PS: 7v	6.9	6.80	47	10380	61.4	155	5.46	3.30
8v	7.8	8.10	63	11490	68.0	190	6.69	3.02
9v	8.8	9.55	84	12570	74.4	230	8.10	2.74
10v	9.8	11.05	108	13650	80.3	271	9.54	2.51
193mAh, 40°C: 11v	10.8	12.60	135	14640	86.6	311	10.95	2.30
6x4 APC E								
Motor 22°C: Set on PS: 7v	6.9	5.90	41	10650	40.3	227	7.99	5.54
8v	7.9	7.05	56	11850	44.9	285	10.04	5.09
9v	8.8	8.25	73	13020	49.3	347	12.22	4.74
10v	9.8	9.60	94	14160	53.6	417	14.68	4.44
163mAh, 41°C: 11v	10.8	10.95	118	15240	57.7	486	17.11	4.12
6x4 APC Sport								
Motor 22°C: Set on PS: 7v	6.9	6.25	43	10530	39.9	233	8.20	5.42
8v	7.8	7.40	58	11730	44.4	290	10.21	5.00
9v	8.8	8.75	77	12900	48.9	358	12.61	4.65
10v	9.8	10.05	98	14040	53.2	425	14.97	4.34
217mAh, 43°C: 11v	10.8	11.50	125	15150	57.4	500	17.61	4.00
6x6 Graupner CAM Speed								
Motor 21°C: Set on PS: 7v	6.9	7.85	54	10020	56.9	216	7.61	4.00
8v	7.8	9.30	72	11070	62.9	268	9.44	3.72
9v	8.8	10.85	96	12120	68.9	326	11.48	3.40
10v	9.8	12.40	121	13140	74.7	382	13.45	3.16
214mAh, 50°C: 11v	10.8	14.10	151	14040	79.8	441	15.53	2.92
6.5x6.5 Graupner Speed								
Motor 29°C: Set on PS: 7v	6.8	9.45	65	9450	58.2	252	8.87	3.88
8v	7.8	11.25	88	10410	64.1	305	10.74	3.47
9v	8.8	13.10	115	11280	69.4	360	12.68	3.13
10v	9.8	15.15	148	12150	74.8	420	14.79	2.84
220mAh, 61°C: 11v	10.7	16.80	180	12780	78.7	464	16.34	2.58
7x3.5 GWS HD								
Motor 31°C: Set on PS: 7v	6.9	5.45	38	10830	35.9	267	9.40	7.03
8v	7.9	6.60	52	12060	40.0	342	12.04	6.58
9v	8.9	7.90	70	13260	43.9	424	14.93	6.06
10v	9.9	9.15	90	14400	47.7	503	17.71	5.59
132mAh, 39°C: 11v	10.8	10.50	114	15420	51.1	588	20.70	5.16

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Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
7x4 APC Sport								
Motor 25°C: Set on PS: 7v	6.8	8.70	60	9690	36.7	357	12.57	5.95
8v	7.8	10.45	82	10710	40.6	445	15.67	5.43
9v	8.8	12.10	106	11670	44.2	535	18.84	5.05
10v	9.8	13.90	135	12570	47.6	623	21.94	4.62
210mAh, 52°C : 11v	10.7	15.70	169	13410	50.8	715	25.18	4.23
7x4 Graupner SF								
Motor 32°C: Set on PS: 7v	6.8	10.45	71	9090	34.4	424	14.93	5.97
8v	7.8	12.40	97	9990	37.8	517	18.20	5.33
9v	8.8	14.25	124	10830	41.0	607	21.37	4.90
10v	9.8	16.35	160	11670	44.2	701	24.68	4.38
251mAh, 64°C : 11v	10.7	18.25	195	12330	46.7	787	27.71	4.04
7x5 APC E								
Motor 22°C: Set on PS: 7v	6.9	10.50	72	9180	43.5	387	13.63	5.38
8v	7.8	12.50	97	10020	47.4	472	16.62	4.87
9v	8.8	14.50	127	10830	51.3	560	19.72	4.41
10v	9.8	16.70	163	11580	54.8	645	22.71	3.96
230mAh, 56°C : 11v	10.7	18.70	200	12120	57.4	725	25.53	3.63
8x4 GWS HD								
Motor 32°C: Set on PS: 7.2v	<u>7.0</u>	10.40	73	9450	35.8	476	16.76	6.62
108mAh, 44°C : 7.6v	<u>7.4</u>	11.10	82	9750	36.9	508	17.89	6.20