

Temperatures (52°C) from Rear mount plate:  $I_o = 1.0A$ ,  $R_m = 0.125\Omega$ 

Recommended props: 2s 11x5, 3s 10x5

Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
<b>9x5 GWS HD</b>								
Motor 22°C: Set on PS: 7v	6.9	8.75	60	6960	33.0	482	16.97	8.03
8v	7.8	10.55	82	7710	36.5	600	21.14	7.32
9v	8.8	12.45	110	8460	40.1	726	25.56	6.60
10v	9.8	14.70	143	9180	43.5	863	30.39	6.04
229mAh, 45°C: 11v	10.7	16.75	180	9840	46.6	985	34.68	5.47
<b>10x5 APC E</b>								
Motor 30°C: Set on PS: 7v	6.8	11.40	78	6480	30.7	586	20.63	7.51
8v	7.8	13.60	106	7170	33.9	717	25.26	6.76
9v	8.7	16.10	140	7800	36.9	863	30.39	6.16
10v	9.7	18.50	180	8370	39.6	1004	35.35	5.58
279mAh, 56°C: 11v	10.7	21.30	227	8940	42.3	1156	40.70	5.09
<b>10x6 GWS HD</b>								
Motor 35°C: Set on PS: 7v	6.8	11.25	77	6540	37.2	584	20.56	7.58
8v	7.8	13.55	105	7200	40.9	718	25.28	6.84
9v	8.8	15.90	139	7860	44.7	852	30.00	6.13
10v	9.7	18.20	176	8430	47.9	979	34.47	5.56
275mAh, 56°C: 11v	10.7	20.80	222	9030	51.3	1135	39.97	5.11
<b>11x5.5 APC E</b>								
Motor 44°C: Set on PS: 7.1v	<u>7.0</u>	14.55	102	6180	32.2	726	25.56	7.12
114mAh, 48°C: 7.6v	<u>7.4</u>	15.75	117	6420	33.4	791	27.85	6.76