Motor	LightFlight Ultimate Production Motor (Black) 28-37-3: 77g 3T short (~2500Kv?) 25A/200W max. PH 45 ESC 4.28.07

Temperatures 35°C from: Rear windings (same temp. as black casing).
3s pack = 3s Enerland 6000 (15C/20C)

4.22.07 **No-load:** with 1/64" ply pseudo-prop.
6v, 0.70A, 16260 rpm **Peak Effic. Calc.: 2860Kv, Rm = 0.112 ohms**
8v, 0.80A, 21810 rpm
10v, 0.90A, 27180 rpm
12v, 1.00A, 32760 rpm

Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
Direct Drive								
5.1x4.9 Zagi Carbon								
Motor 22°C Set on PS: 7v	6.9	12.10	83	15960	74.1	354	12.47	4.27
8v	7.8	14.90	117	17670	82.0	440	15.49	3.76
9v	8.8	18.45	162	19260	89.4	533	18.77	3.29
10v	9.7	21.60	210	20820	96.6	623	21.94	2.97
324mAh (~63 secs), 50°C11v	10.7	24.70	265	22290	103.4	718	25.28	2.71
Motor 22°C, 3s 6000, 12.6v	11.2	26.30	292	22890	106.2	760	26.76	2.60
114mAh (~15.6 seconds), 39°C:								
4.75x4.75 APC E								
Motor 48°C, 3s 6000, 12.1v	11.3	21.20	240	25050	112.7	620	21.83	2.58
77mAh (~13 seconds), 51°C:								
5x5 APC E								
Motor 46°C, 3s 6000, 12.2v	11.1	27.50	304	22560	106.8	562	19.79	1.85
97mAh (~12.7 seconds), 53°C:								
5.25x4.75 APC E								
Motor 45°C, 3s 6000, 12.2v	11.1	28.40	311	21750	97.8	691	24.33	2.22
140mAh (~17.7 seconds), 59°C:								
5.25x6.25 APC E								
Motor 30°C, 3s 6000, 12.4v	10.8	35.00	375	19050	112.7	527	18.56	1.41
129mAh (~13.3 seconds), 57°C:								
5.5x4.5 APC E								
Motor 36°C, 3s 6000, 12.2v	11.0	31.00	335	20850	88.8	698	24.58	2.08
152mAh (~17.7 seconds), 57°C:								
5.7x3 APC FF								
Motor 42°C, 3s 6000, 12.2v	11.2	25.00	277	23610	67.1	816	28.73	2.95
96mAh (~13.8 seconds), 52°C:								

Motor	LightFlight Ultimate Production Motor (Black) 28-37-3: 77g 3T short (~2500Kv?) 25A/200W max. PH 45 ESC 4.28.07

Temperatures 35°C from: Rear windings (same temp. as black casing).
3s pack = 3s Enerland 6000 (15C/20C)

4.22.07 **No-load:** with 1/64" ply pseudo-prop.
6v, 0.70A, 16260 rpm **Peak Effic. Calc.: 2860Kv, Rm = 0.112 ohms**
8v, 0.80A, 21810 rpm
10v, 0.90A, 27180 rpm
12v, 1.00A, 32760 rpm

Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
Direct Drive								
5.7x3 APC FF								
Motor 33°C Set on PS: 7v	6.9	11.60	80	16080	45.7	367	12.92	4.59
8v	7.8	14.35	112	17880	50.8	461	16.23	4.12
9v	8.8	17.45	153	19560	55.6	560	19.72	3.66
10v	9.7	20.10	196	21300	60.5	657	23.13	3.35
300mAh (~62 secs), 51°C:11v	10.7	23.30	245	22860	64.9	759	26.73	3.10
Motor 42°C, 3s 6000, 12.2v	11.2	25.00	277	23610	67.1	816	28.73	2.95
96mAh (~13.8 seconds), 52°C:								
6x4 APC E								
Motor 40°C, 3s 6000, 12.3v	10.9	31.40	341	20640	78.2	915	32.22	2.91
137mAh,(~15.7 seconds), 57°C:								