Motor	LightFlight Ultimate Production Motor (Black) 28-47-2: 115g 2T long (~2170Kv?) 40A/350W max. PH 45 ESC 4.22.07

Temperatures 35°C from: Rear windings (same temp. as black casing).
2s pack = 2s Enerland 5000 (10C)
3s pack = 3s Enerland 6000 (15C/20C)

From LightFlight: Kv = 2170Kv, Io = ?A @ 12v, Rm = ?

4.22.07 **No-load:** with 1/64" ply pseudo-prop.
6v, 0.85A, 13500 rpm **Peak Effic. Calc: 2300Kv, Rm = 0.072 ohms**
8v, 0.95A, 18000 rpm
10v, 1.05A, 22530 rpm
12v, 1.15A, 27090 rpm

Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
Direct Drive								
4.1x4.1 APC E								
Motor 28°C: Set on PS: 7v	6.9	4.45	31	15180	58.9	134	4.72	4.32
8v	7.9	5.50	44	17250	67.0	173	6.09	3.93
9v	8.9	6.80	60	19230	74.7	216	7.61	3.60
10v	9.9	8.20	82	21390	83.0	269	9.47	3.28
112mAh (~60 seconds), 32°C:11v	10.8	9.60	104	23250	90.3	319	11.23	3.07
5.1x4.9 Zagi Carbon								
Motor 31°C: Set on PS: 7v	6.9	9.00	62	14490	67.2	301	10.60	4.86
8v	7.9	11.60	91	16260	75.4	382	13.45	4.20
9v	8.8	14.10	124	18030	83.7	474	16.69	3.82
10v	9.8	16.65	163	19770	91.7	569	20.04	3.49
270mAh (~70 seconds), 37°C:11v	10.7	19.70	211	21480	99.7	676	23.80	3.20
6x4 APC E								
Motor 29°C, 3s 6000, 12.6v	11.2	27.40	306	21150	80.1	951	33.49	3.11
130mAh (~17.1 seconds), 34°C:								
6x5.5 APC E								
Motor 32°C, 3s 6000, 12.4v	11.0	33.70	368	19700	102.6	917	32.29	2.49
139mAh (~14.8 seconds), 39°C:								
7x5 APC E								
Motor 36°C, 3s 6000, 12.3v	10.5	46.50	465	16410	77.7	1326	46.69	2.85
194mAh (~15.0 seconds), 55°C:								

Motor	LightFlight Ultimate Production Motor (Black) 28-47-2: 115g 2T long (~2170Kv?) 40A/350W max. PH 45 ESC 4.22.07

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

Prop	Volts	Amps	Watts	RPM	Pitch Speed (mph)	Thrust (g)	Thrust (oz)	g/W
Geared TM 2800 64T/28T = 2.286:1								
11x5.5 APC E								
Motor 22°C: 3s 6000: 12.2v init.	10.8	28.70	300	8850	46.1	1600	56.34	5.33
165mAh (~ 20seconds), 33°C:								
12x6 APC E								
Motor 33°C: 3s 6000: 12.1v init.	10.6	36.90	379	8040	45.7	1860	65.49	4.91
179mAh (~ 18seconds), 42°C:								
13x6.5 APC E								
Motor 39°C: 3s 6000: 12.1v init.	10.3	42.60	435	7410	45.6	2050	72.18	4.71
283mAh (~24 seconds), 55°C:								