

# SUNNYSKY

Specifications	X2820 KV860		
Stator Diameter	定子外径	28mm	
Stator Thickness	定子厚度	20mm	
No. of Stator Arms	定子槽数	12	
No. of Rotor Poles	转子极数	14	
Motor KV	电机KV值	860	
No-Load Current (A/10V)	空载电流	1.3A	
Motor Resistance	电机电阻	25.8mΩ	
Max Continuous Current	最大连续电流	65A/30s	
Max Continuous Power	最大连续功率	960W	
Weight	重量	143g	
Rotor Diameter	转子直径	35mm	
Body Length	电机长度 (不含轴长)	42mm	
Max Lipo Cell	支持锂电节数	3-4S	
ESC	建议使用电调	50-60A	
Recommended Prop(inch)	推荐螺旋桨规格	APC13*6.5	APC13*8
		APC12*6	APC12*8

AEROBATIC(适用特技机重量) 1400g-2000g (4S APC12x6\APC12x8\APC13x6.5\APC13x8)

适用3D机重量 1100g-1500g (4S APC12x6\APC12x8\APC13x6.5\APC13x8)

Prop (inch)	Voltage (V)	Amps (A)	Thrust (gf)	Watts (W)	Efficiency (g/W)	RPM	Load temperature in 100% throttle 全油门负载温度
APC13*6.5	11.1	5.1	500	56.61	8.83	3952	79°C 1min10s
		8	750	88.8	8.45	4755	
		13.1	1000	145.41	6.88	5460	
		17.9	1250	198.69	6.29	6050	
		23.3	1500	258.63	5.80	6570	
		29.6	1750	328.56	5.33	7067	
	40.3	2150	447.33	4.81	7687		
	14.8	3.9	500	57.72	8.66	3897	
		6.7	750	99.16	7.56	4804	
		10.2	1000	150.96	6.62	5421	
		13.9	1250	205.72	6.08	6071	
		18.1	1500	267.88	5.60	6564	
		22.6	1750	334.48	5.23	7077	
		27.6	2000	408.48	4.90	7560	
		33.5	2250	495.8	4.54	8016	
		40.1	2500	593.48	4.21	8346	
		47.5	2750	703	3.91	8695	
		63.2	3350	935.36	3.58	9230	
APC13*8		11.1	5	500	55.5	9.01	3710
	8		750	88.8	8.45	4510	
	13.5		1000	149.85	6.67	5200	
	18.2		1250	202.02	6.19	5760	
	23.8		1500	264.18	5.68	6278	
	30		1750	333	5.26	6780	
43.3	2250	480.63	4.68	7446			
APC12*6	14.8	4.3	500	63.64	7.86	4510	88°C 2min
		7.2	750	106.56	7.04	5504	
		10.6	1000	156.88	6.37	6300	
		14.4	1250	213.12	5.87	7005	
		18.7	1500	276.76	5.42	7640	
		23.3	1750	344.84	5.07	8189	
		28.9	2000	427.72	4.68	8706	
		34.9	2250	516.52	4.36	9100	
		41.9	2500	620.12	4.03	9626	
50.4	2769	745.92	3.71	10060			
APC12*8	14.8	4.3	500	63.64	7.86	4167	92°C 2min
		7.5	750	111	6.76	5088	
		11.5	1000	170.2	5.88	5836	
		15.3	1250	226.44	5.52	6540	
		20	1500	296	5.07	7140	
		25.4	1750	375.92	4.66	7676	
		31.7	2000	469.16	4.26	8200	
		39.5	2250	584.6	3.85	8700	
		53.1	2500	785.88	3.18	9175	
		60	2750	888	3.10	9431	

