

SUNNYSKY

Specifications	X2820 KV1250		
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	1250	
No-Load Current (A/10V)	空载电流	2.5A	
Motor Resistance	电机电阻	13.1mΩ	
Max Continuous Current	最大连续电流	79A/30s	
Max Continuous Power	最大连续功率	1172W	
Weight	重量	144g	
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	80A	
Recommended Prop(inch)	推荐螺旋桨规格	APC12*6	APC1050
		APC9060	APC11*5.5
		APC11*8	

AEROBATIC(适用特技机重量) 1600g (3S APC11x5.5\11x7\11x8) (4S APC1050\APC9060)

适用3D机重量 1200g (3S APC11x5.5、APC12x6)

SAILPLANE (适用滑翔机重量)1800g 3S APC11x5.5

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
APC12*6	11.1	5.7	500	63.27	7.90	4516	70°C 3min
		9.7	750	107.67	6.97	5533	
		15.3	1000	169.83	5.89	6246	
		21.2	1250	235.32	5.31	6953	
		28.5	1500	316.35	4.74	7588	
		37	1750	410.7	4.26	8120	
		47.7	2000	529.47	3.78	8676	
		62	2250	688.2	3.27	9128	
APC1050	14.8	5.4	500	79.92	6.26	6185	75°C 5min
		8.6	750	127.28	5.89	7573	
		13.7	1000	202.76	4.93	8710	
		18.5	1250	273.8	4.57	9617	
		23.4	1500	346.32	4.33	10380	
		28.5	1750	421.8	4.15	11133	
		35	2000	518	3.86	11910	
		42.5	2250	629	3.58	12630	
		50	2500	740	3.38	13203	
		69.8	3090	1033.04	2.99	14858	
APC9060	14.8	6.6	500	97.68	5.12	6804	67°C 3min
		10.9	750	161.32	4.65	8218	
		15.8	1000	233.84	4.28	9319	
		22.9	1250	338.92	3.69	10409	
		30	1500	444	3.38	11196	
		38.8	1750	574.24	3.05	12250	
		52.9	2000	782.92	2.55	12880	
		70.1	2678	1037.48	2.58	15009	
APC11*5.5	14.8	4.9	500	72.52	6.89	5356	70°C 1min30s
		8.1	750	119.88	6.26	6499	
		11.9	1000	176.12	5.68	7431	
		16.4	1250	242.72	5.15	8372	
		21.3	1500	315.24	4.76	8954	
		27.5	1750	407	4.30	9632	
		34	2000	503.2	3.97	10212	
		41.2	2250	609.76	3.69	10895	
		48.5	2500	717.8	3.48	11310	
		58.4	2750	864.32	3.18	11800	
		67.5	3000	999	3.00	12375	
		79.2	3441	1172.16	2.94	13211	
APC11*8	11.1	6.6	500	73.26	6.83	4860	66°C 3min
		11.9	750	132.09	5.68	5830	
		17.5	1000	194.25	5.15	6730	
		23.7	1250	263.07	4.75	7474	
		31.5	1500	349.65	4.29	8133	
		40.5	1750	449.55	3.89	8712	
		49.9	2000	553.89	3.61	9265	
		61	2250	677.1	3.32	9741	
		70	2460	777	3.17	10233	

