



LOAD PERFORMANCE PARAMETERS

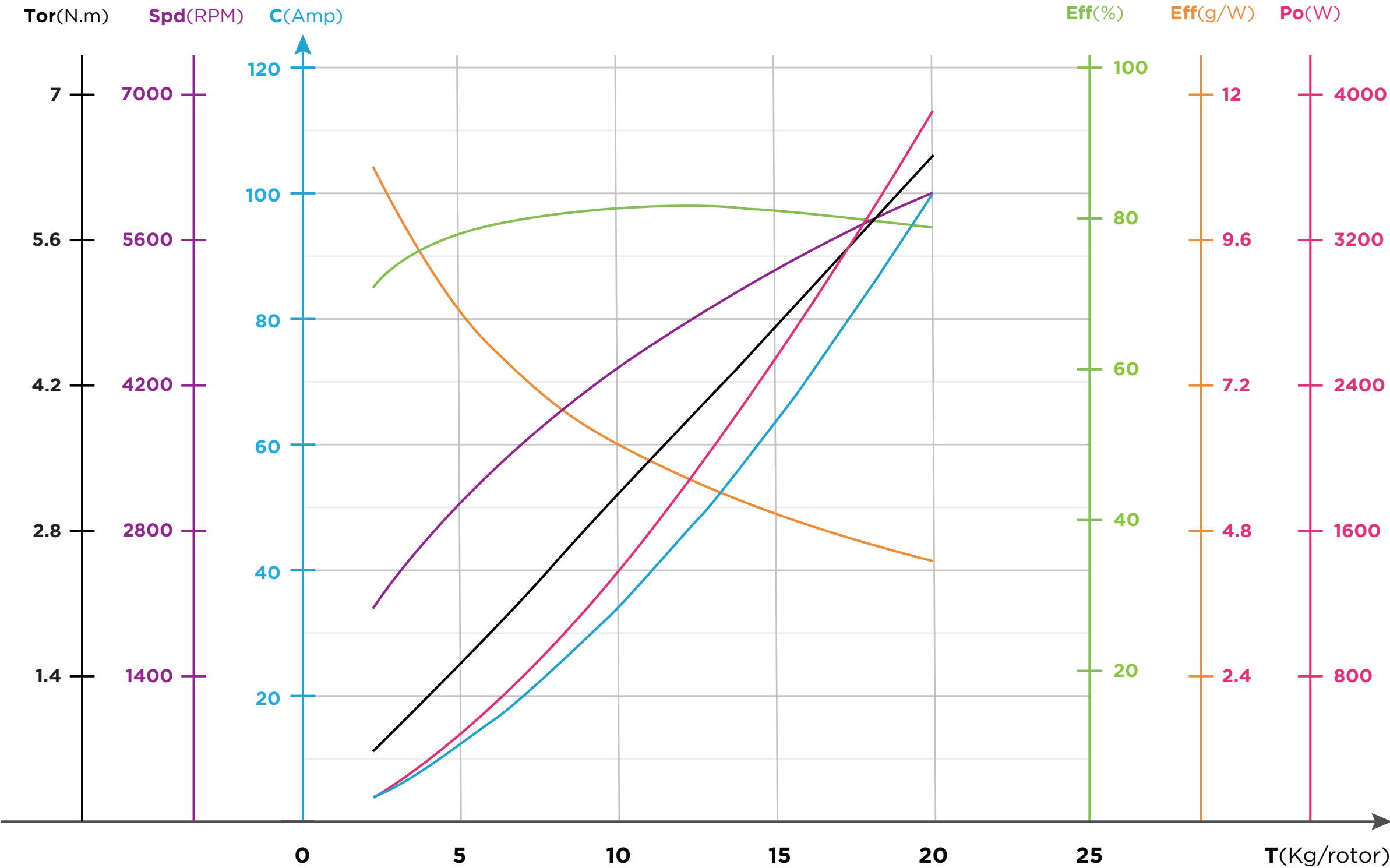
负载性能参数

以下数据为室温 25°C、海平面高度的环境下，变化油门输入调节拉力测得。电机温度为65%油门下电机运行10分钟温度。

Under the environment of sea level altitude, the data below is measured in room temperature of 25°C.

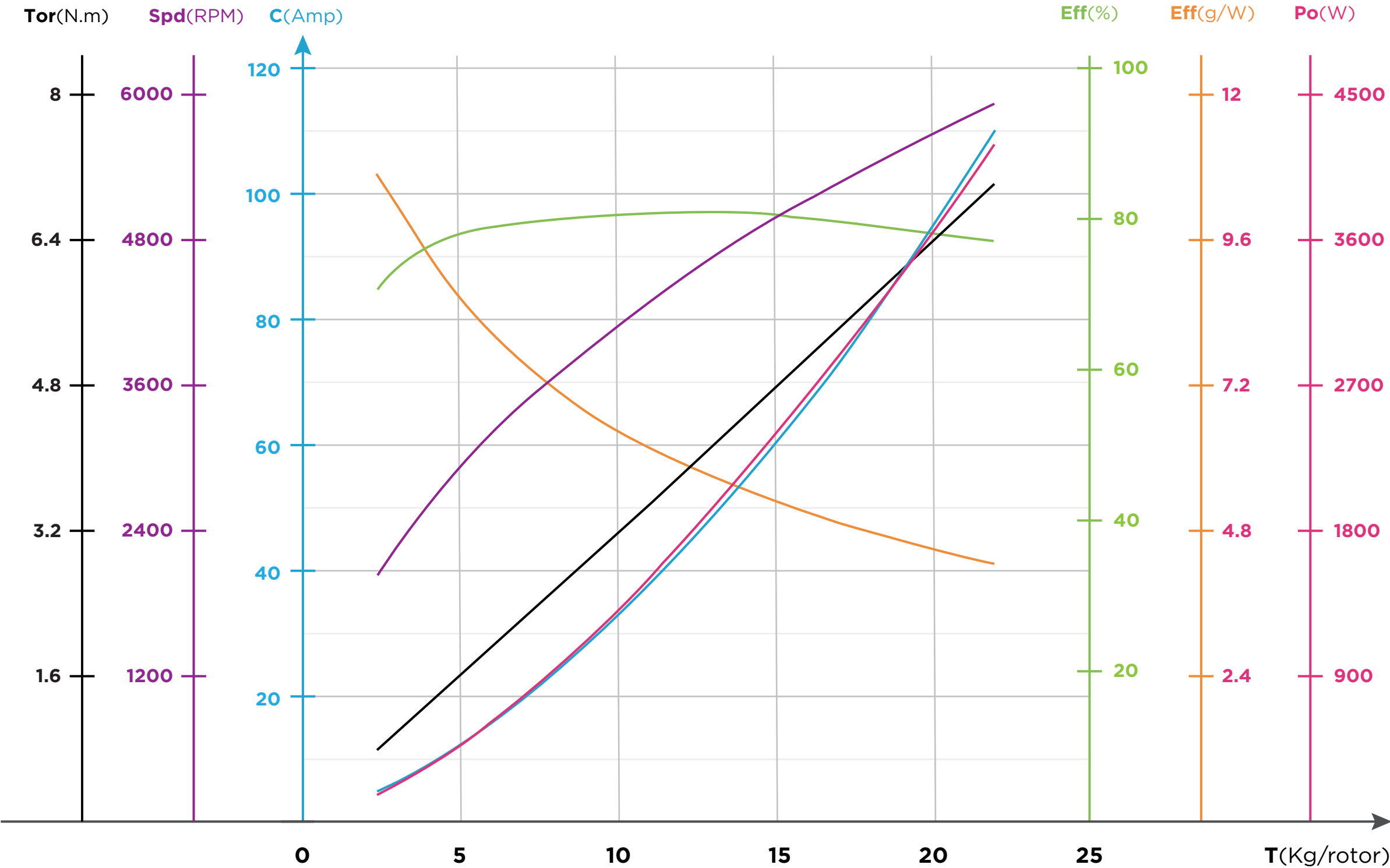
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

V8017 160KV & GP27*8.8"



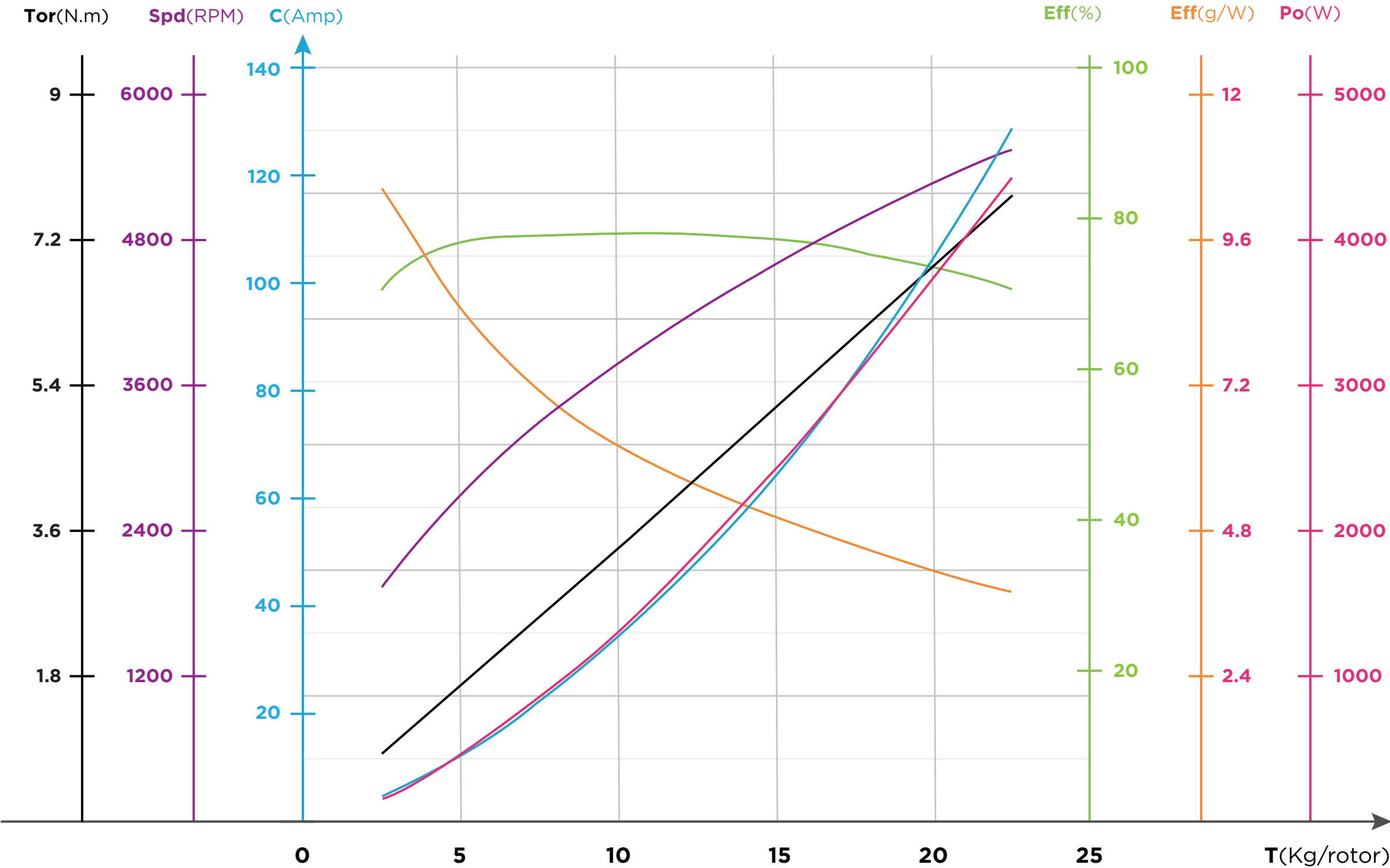
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机机壳温度(℃)
46V (12S LiPo)	GP 27*8.8"	33%	2592	5.7	261.5	2211	9.9	0.83	222.3	69℃
		35%	2977	6.8	311.5	2359	9.6	0.94	264.8	
		37%	3330	7.8	360.3	2488	9.2	1.04	306.3	
		39%	3665	8.9	409.0	2605	9.0	1.14	347.6	
		42%	4156	10.5	484.1	2768	8.6	1.28	411.5	
		45%	4658	12.3	565.5	2925	8.2	1.43	480.6	
		48%	5191	14.3	656.7	3083	7.9	1.59	558.2	
		51%	5771	16.5	761.1	3244	7.6	1.77	646.9	
		54%	6405	19.1	881.2	3412	7.3	1.96	749.0	
		57%	7096	22.1	1019.0	3584	7.0	2.17	866.1	
		60%	7844	25.5	1175.6	3761	6.7	2.40	999.3	
		63%	8644	29.3	1351.8	3942	6.4	2.65	1149.0	
		66%	9490	33.6	1547.3	4123	6.1	2.91	1315.2	
		69%	10371	38.2	1761.6	4304	5.9	3.18	1497.3	
		72%	11280	43.3	1993.6	4482	5.7	3.46	1694.6	
		75%	12206	48.7	2242.0	4656	5.4	3.75	1905.7	
		78%	13141	54.4	2505.2	4824	5.2	4.04	2129.4	
		81%	14079	60.4	2781.6	4984	5.1	4.33	2364.4	
		84%	15015	66.7	3070.1	5136	4.9	4.62	2609.6	
		87%	15950	73.2	3370.3	5280	4.7	4.91	2864.7	
		90%	16886	80.0	3682.8	5417	4.6	5.21	3130.4	
		100%	20009	104.1	4794.7	5834	4.2	6.17	4075.5	

V8017 160KV & GP28*9.2"



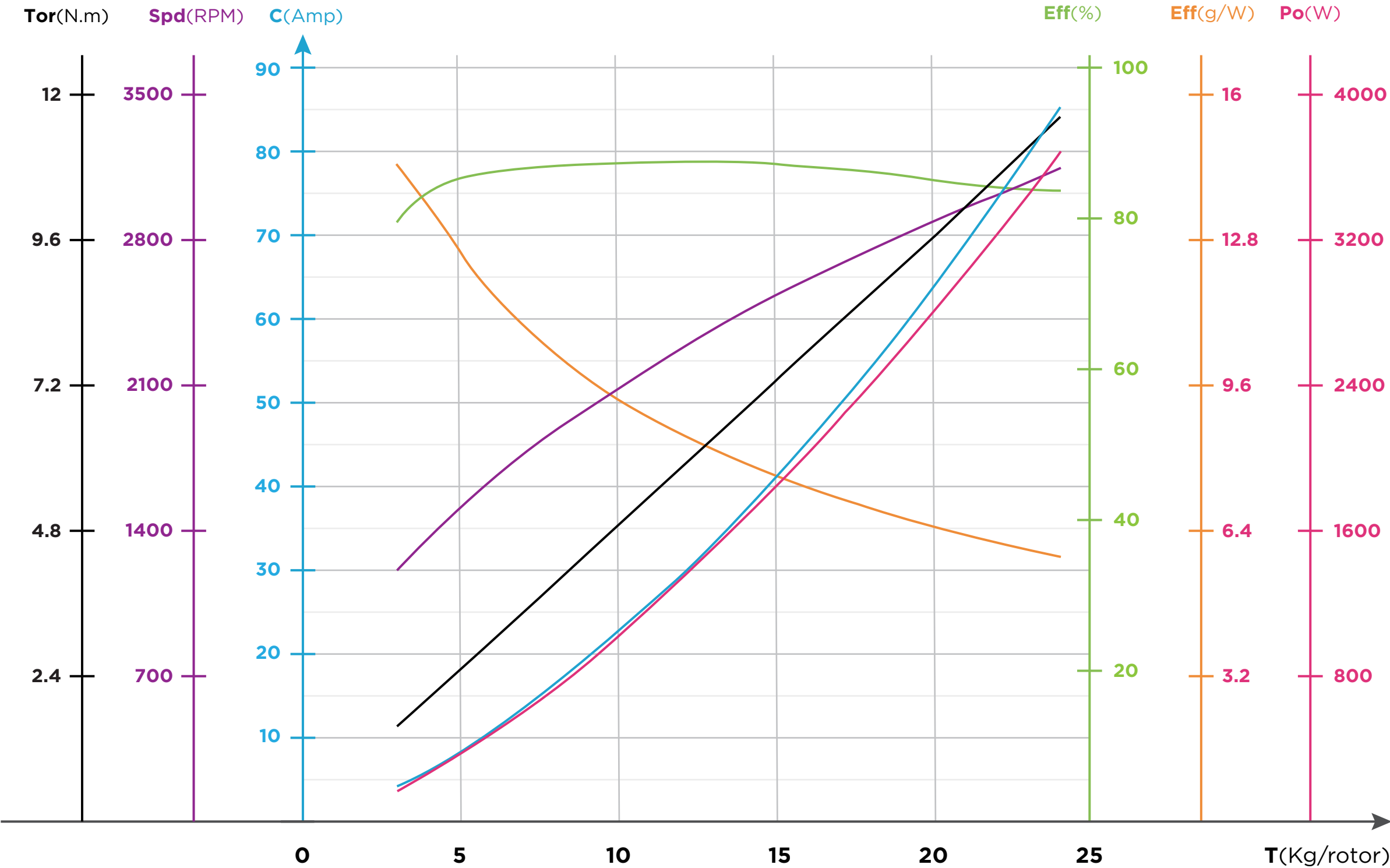
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机机壳温度(℃)
46V (12S LiPo)	GP 28*9.2"	33%	2866	6.4	292.7	2183	9.4	0.94	248.8	73℃
		35%	3296	7.6	349.3	2331	1.07	1.07	296.9	
		37%	3689	8.8	404.3	2461	1.19	1.19	343.7	
		39%	4058	10.0	458.8	2577	1.30	1.30	390.0	
		42%	4593	11.8	542.3	2738	1.46	1.46	460.9	
		45%	5134	13.7	631.8	2891	1.63	1.63	537.1	
		48%	5706	15.9	731.7	3045	1.80	1.80	621.9	
		51%	6324	18.4	845.5	3202	1.99	1.99	718.6	
		54%	7000	21.2	976.4	3365	2.20	2.20	829.9	
		57%	7738	24.5	1126.7	3533	2.43	2.43	957.7	
		60%	8537	28.2	1298.2	3706	2.68	2.68	1103.4	
		63%	9395	32.4	1491.5	3881	2.94	2.94	1267.8	
		66%	10304	37.1	1707.0	4058	3.23	3.23	1451.0	
		69%	11254	42.2	1944.1	4233	3.53	3.53	1652.5	
		72%	12236	47.8	2201.7	4406	3.84	3.84	1871.4	
		75%	13238	53.8	2478.1	4574	4.16	4.16	2106.4	
		78%	14249	60.2	2771.6	4735	4.49	4.49	2355.8	
		81%	15262	66.9	3079.8	4890	4.81	4.81	2617.8	
		84%	16268	73.8	3400.9	5036	5.13	5.13	2890.8	
		87%	17263	81.1	3733.3	5174	5.45	5.45	3173.3	
		90%	18249	88.5	4076.5	5305	5.76	5.76	3465.1	
		100%	21389	114.2	5259.7	5704	6.76	6.76	4470.7	

V8017 160KV & GP29*9.5"



Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机机壳温度(℃)
46V (12S LiPo)	GP 29*9.5"	33%	3196	7.1	327.4	2148	9.8	1.09	278.3	78℃
		35%	3674	8.5	392.1	2294	9.4	1.25	333.3	
		37%	4113	9.9	455.9	2421	9.0	1.39	387.5	
		39%	4528	11.3	519.9	2535	8.7	1.52	441.9	
		42%	5130	13.4	618.6	2693	8.3	1.72	525.8	
		45%	5738	15.7	724.7	2843	7.9	1.92	616.0	
		48%	6376	18.3	842.7	2993	7.6	2.13	716.3	
		51%	7063	21.2	976.4	3144	7.2	2.35	830.0	
		54%	7808	24.5	1129.2	3300	6.9	2.60	959.8	
		57%	8616	28.3	1303.4	3460	6.6	2.86	1107.9	
		60%	9486	32.6	1500.9	3623	6.3	3.15	1275.7	
		63%	10415	37.4	1722.5	3789	6.0	3.46	1464.1	
		66%	11393	42.7	1968.6	3955	5.8	3.79	1673.3	
		69%	12410	48.6	2239.2	4121	5.5	4.13	1903.3	
		72%	13455	55.0	2533.5	4284	5.3	4.48	2153.4	
		75%	14515	61.9	2850.2	4443	5.1	4.84	2422.6	
		78%	15578	69.2	3187.6	4596	4.9	5.20	2709.4	
		81%	16634	76.9	3543.4	4742	4.7	5.57	3011.9	
		84%	17672	85.0	3915.2	4879	4.5	5.92	3327.9	
		87%	18687	93.4	4300.5	5007	4.3	6.27	3655.4	
		90%	19677	102.0	4697.7	5127	4.2	6.61	3993.0	
		100%	22713	131.3	6047.7	5462	3.8	7.63	5140.6	

V8017 80KV & GP40*13.1"



Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机机壳温度(℃)
50V	GP 40*13.1"	33%	3700	5.4	269.3	1215	13.7	1.70	228.9	70℃
		35%	4102	6.1	306.5	1278	13.4	1.88	260.5	
		37%	4542	7.0	350.4	1344	13.0	2.08	297.8	
		39%	5015	8.0	400.8	1411	12.5	2.29	340.7	
		42%	5774	9.8	488.4	1513	11.8	2.64	415.2	
		45%	6579	11.8	589.5	1613	11.2	3.00	501.1	
		48%	7420	14.0	702.6	1712	10.6	3.39	597.2	
		51%	8284	16.5	826.5	1807	10.0	3.79	702.5	
		54%	9165	19.2	959.8	1898	9.5	4.20	815.8	
		57%	10056	22.0	1101.5	1987	9.1	4.61	936.2	
		60%	10954	25.0	1250.7	2072	8.8	5.03	1063.1	
		63%	11857	28.1	1407.3	2154	8.4	5.45	1196.2	
		66%	12764	31.4	1571.3	2234	8.1	5.87	1335.6	
		69%	13678	34.9	1743.2	2311	7.8	6.29	1481.7	
		72%	14602	38.5	1924.2	2386	7.6	6.71	1635.5	
		75%	15542	42.3	2115.7	2459	7.3	7.14	1798.3	
		78%	16503	46.4	2319.8	2532	7.1	7.58	1971.9	
		81%	17494	50.8	2539.2	2603	6.9	8.04	2158.3	
		84%	18525	55.5	2777.1	2674	6.7	8.51	2360.5	
		87%	19606	60.7	3037.2	2745	6.5	9.01	2581.6	
		90%	20748	66.5	3323.8	2817	6.2	9.54	2825.2	
		100%	24196	85.0	4250.9	3028	5.7	11.19	3613.2	