



LOAD PERFORMANCE PARAMETERS

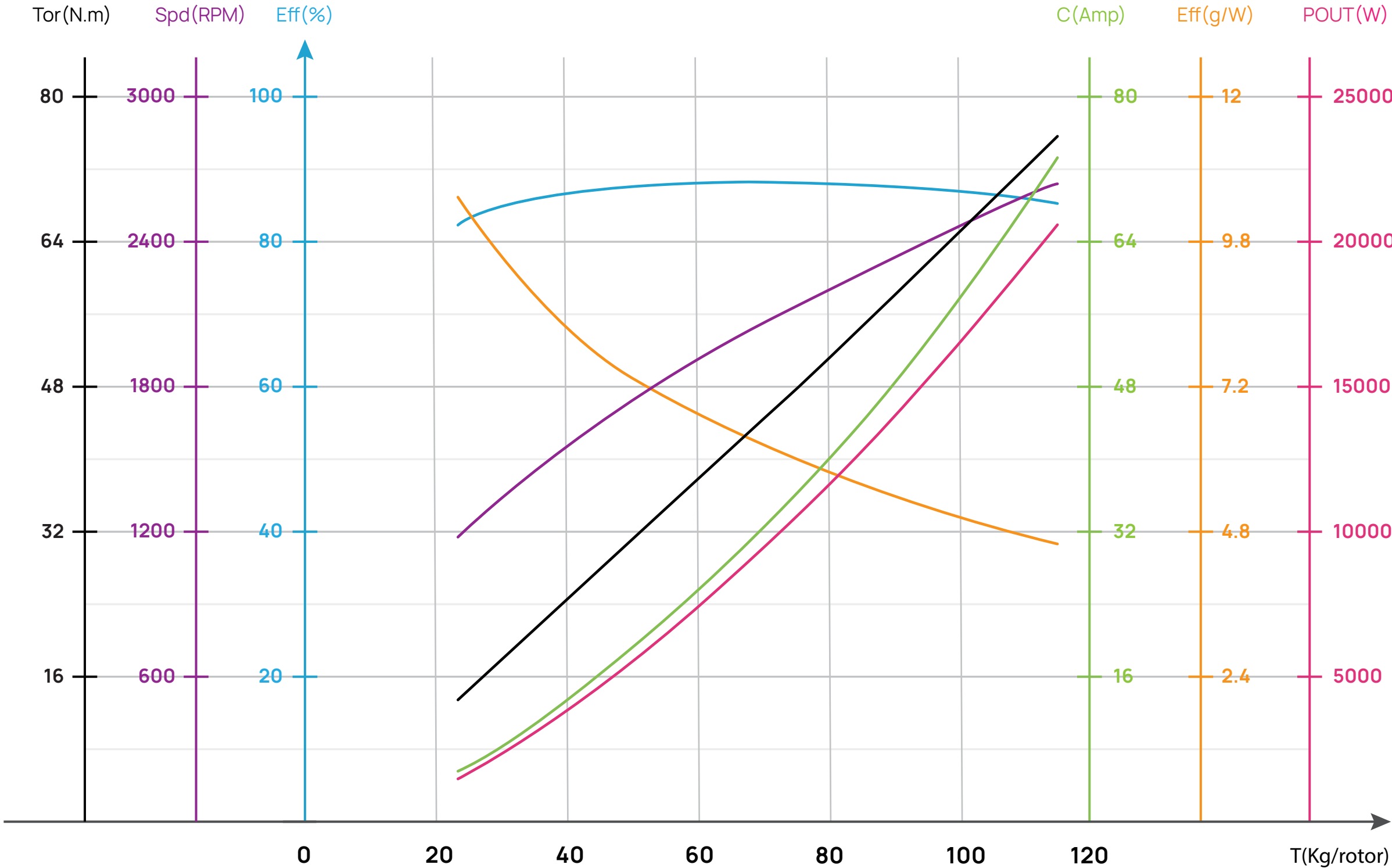
负载性能参数

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.

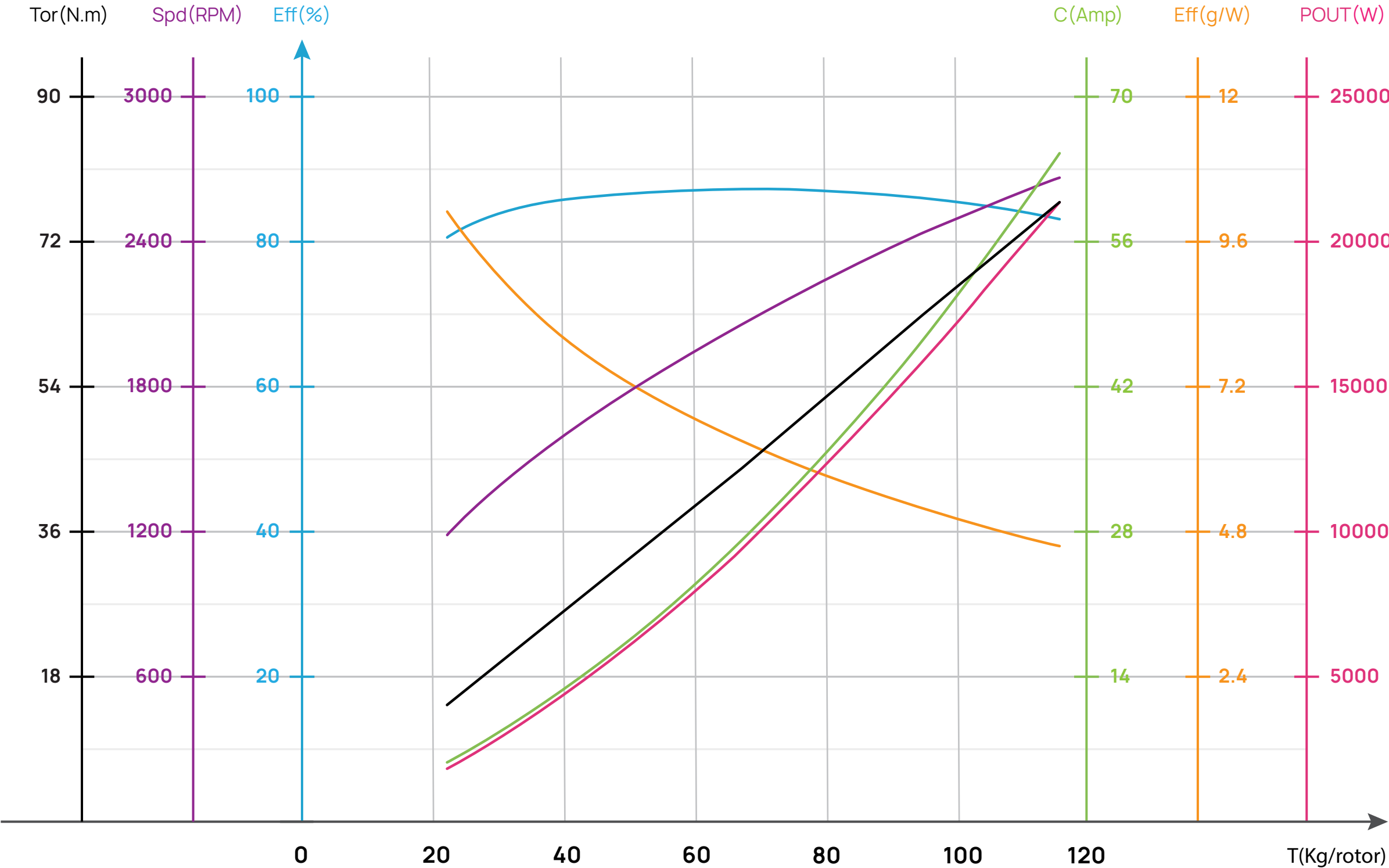
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

P50M-9KV & MSC 64×20



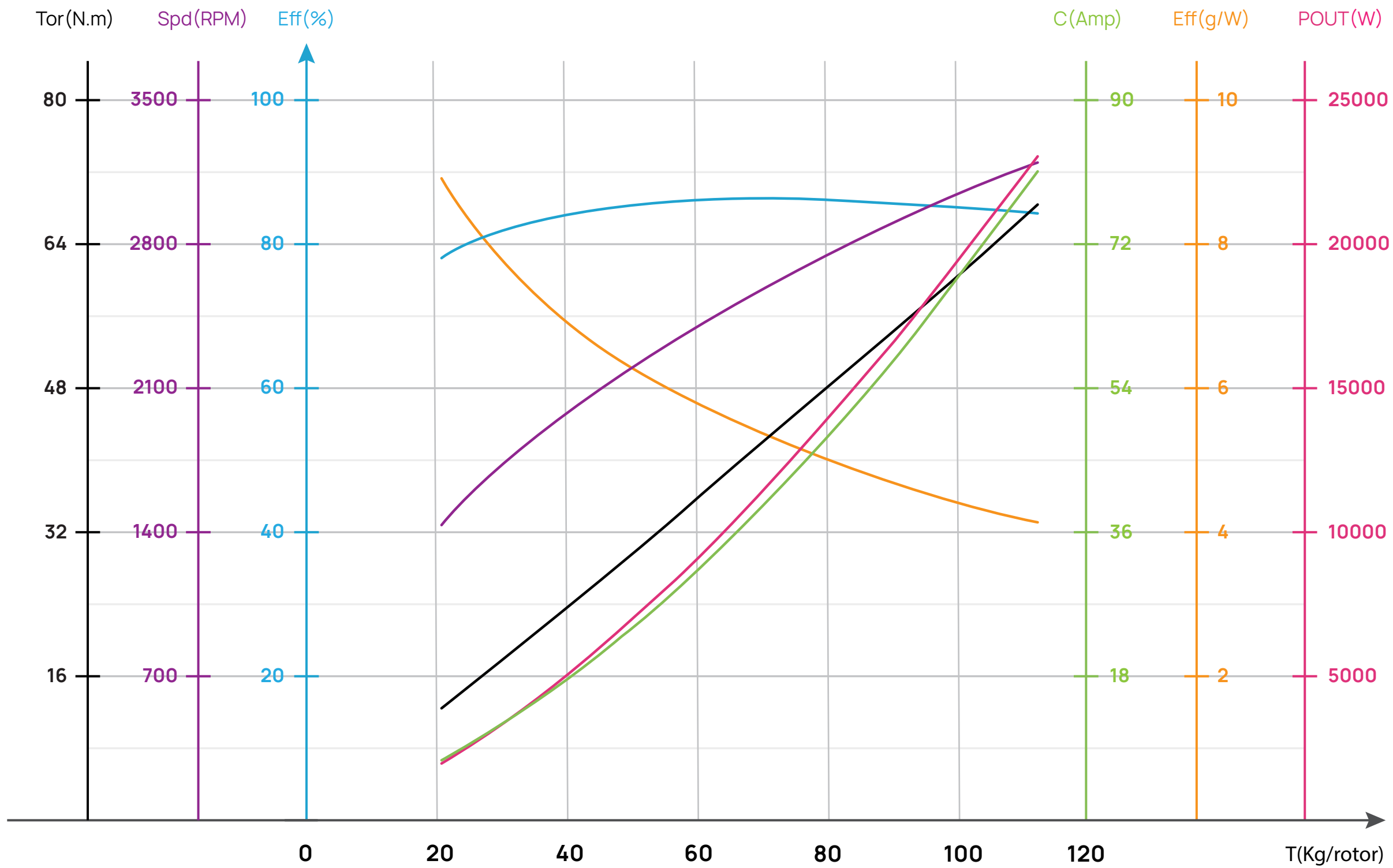
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
335V	MSC 64x20	33%	23792	7.1	2375.3	1224	10.0	15.27	1957.7	98℃
		35%	26911	8.4	2814.2	1300	9.6	17.29	2353.6	
		37%	30196	9.9	3314.0	1377	9.1	19.42	2800.6	
		39%	33612	11.5	3868.5	1453	8.7	21.65	3293.8	
		42%	38910	14.3	4789.0	1565	8.1	25.11	4114.9	
		45%	44344	17.3	5797.6	1671	7.6	28.67	5015.8	
		48%	49849	20.5	6878.4	1771	7.2	32.27	5984.3	
		51%	55376	23.9	8020.6	1864	6.9	35.89	7005.0	
		54%	60888	27.5	9218.2	1950	6.6	39.50	8066.3	
		57%	66357	31.3	10468.8	2031	6.3	43.10	9166.1	
		60%	71760	35.1	11771.3	2107	6.1	46.67	10296.3	
		63%	77074	39.2	13124.0	2180	5.9	50.20	11459.0	
		66%	82273	43.3	14521.8	2249	5.7	53.68	12641.2	
		69%	87324	47.6	15954.6	2314	5.5	57.09	13832.7	
		72%	92182	52.0	17404.1	2376	5.3	60.40	15026.6	
		75%	96789	56.2	18842.7	2434	5.1	63.56	16200.0	
		78%	101064	60.4	20231.5	2486	5.0	66.52	17316.6	
		81%	104908	64.2	21520.1	2531	4.9	69.20	18339.7	
		84%	108191	67.6	22647.1	2568	4.8	71.50	19225.4	
		87%	110753	70.3	23541.1	2595	4.7	73.29	19915.9	
		90%	112401	72.0	24121.2	2612	4.7	74.45	20362.9	
		100%	112908	72.5	24300.5	2617	4.6	74.81	20499.5	

P50M-11KV & MSC 64x20



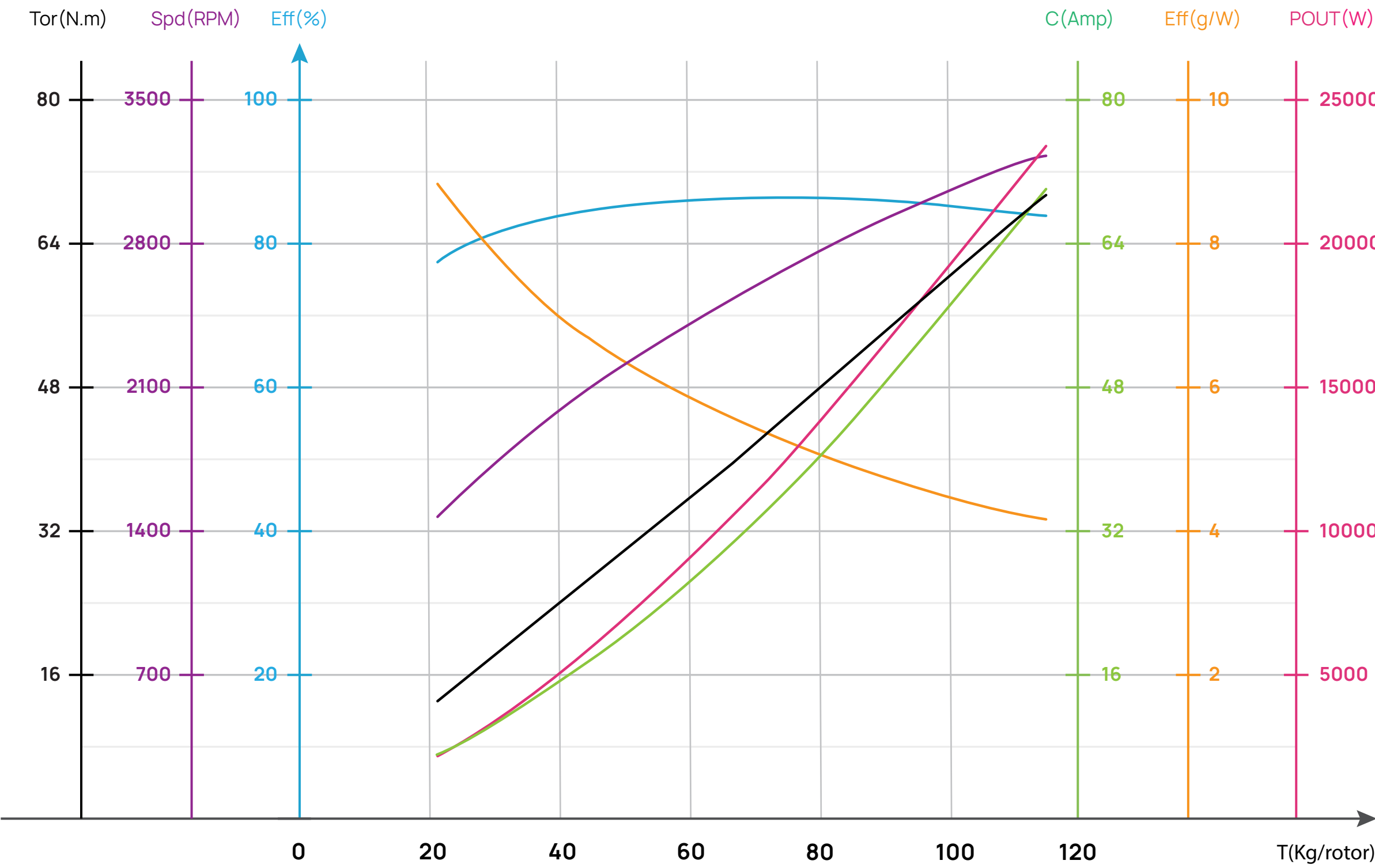
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
400V	MSC 64x20	33%	23676	6.0	2410.8	1225	9.8	15.25	1956.6	92℃
		35%	26903	7.2	2868.2	1305	9.4	17.33	2368.4	
		37%	30242	8.4	3373.8	1383	9.0	19.48	2821.7	
		39%	33678	9.8	3925.7	1458	8.6	21.70	3313.6	
		42%	38982	12.1	4835.2	1566	8.1	25.14	4122.0	
		45%	44421	14.6	5835.4	1669	7.6	28.67	5010.1	
		48%	49945	17.3	6917.7	1767	7.2	32.27	5969.9	
		51%	55503	20.2	8073.6	1860	6.9	35.90	6992.1	
		54%	61046	23.2	9294.3	1948	6.6	39.54	8066.1	
		57%	66525	26.4	10570.6	2032	6.3	43.17	9184.7	
		60%	71895	29.7	11892.0	2112	6.0	46.74	10336.1	
		63%	77113	33.1	13246.1	2186	5.8	50.23	11497.3	
		66%	82140	36.5	14618.8	2256	5.6	53.61	12664.0	
		69%	86939	40.0	15993.9	2320	5.4	56.85	13810.8	
		72%	91481	43.4	17354.0	2378	5.3	59.93	14922.2	
		75%	95740	46.7	18681.4	2431	5.1	62.82	15990.3	
		78%	99698	49.9	19958.8	2478	5.0	65.50	16995.8	
		81%	103342	52.9	21170.9	2519	4.9	67.97	17927.1	
		84%	106667	55.8	22305.4	2556	4.8	70.21	18790.0	
		87%	109676	58.4	23353.7	2588	4.7	72.22	19571.6	
		90%	112380	60.8	24312.0	2615	4.6	74.02	20268.7	
		100%	116272	64.3	25714.1	2653	4.5	76.59	21275.6	

P50M-9KV & USC 54x23



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度	
335V	USC 54x23	33%	22163	7.6	2532.7	1487	8.8	12.90	2009.3	0.0	94℃
		35%	25389	9.1	3046.0	1589	8.3	14.79	2461.3	0.0	
		37%	28798	10.8	3625.0	1691	7.9	16.80	2974.5	0.0	
		39%	32358	12.7	4266.6	1790	7.6	18.90	3543.3	0.0	
		42%	37913	15.9	5337.2	1934	7.1	22.21	4498.1	0.0	
		45%	43650	19.5	6525.9	2070	6.7	25.65	5560.2	0.0	
		48%	49496	23.3	7819.8	2198	6.3	29.18	6716.2	0.0	
		51%	55388	27.5	9208.1	2318	6.0	32.76	7951.5	0.0	
		54%	61275	31.9	10680.7	2431	5.7	36.36	9254.5	0.0	
		57%	67110	36.5	12227.7	2538	5.5	39.94	10614.3	0.0	
		60%	72850	41.3	13838.0	2638	5.3	43.48	12011.8	0.0	
		63%	78456	46.3	15497.4	2732	5.1	46.97	13436.0	0.0	
		66%	83886	51.3	17187.6	2820	4.9	50.36	14870.5	0.0	
		69%	89094	56.4	18884.7	2901	4.7	53.63	16292.4	0.0	
		72%	94030	61.4	20559.0	2975	4.6	56.76	17681.0	0.0	
		75%	98634	66.2	22174.3	3041	4.4	59.69	19007.4	0.0	
		78%	102836	70.7	23688.3	3098	4.3	62.39	20238.0	0.0	
		81%	106549	74.8	25053.6	3145	4.3	64.79	21335.0	0.0	
		84%	109674	78.3	26218.3	3183	4.2	66.82	22269.9	0.0	
		87%	112092	81.0	27126.4	3211	4.1	68.40	22997.1	0.0	
100%	112716	81.7	27361.9	3218	4.1	68.81	23185.3	0.0			

P50M-11KV & USC 54x23



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
400V	USC 54x23	33%	22233	6.4	2577.3	1487	8.6	12.93	2013.1	90℃
		35%	25510	7.7	3096.2	1590	8.2	14.84	2470.4	
		37%	28943	9.2	3684.7	1691	7.9	16.86	2986.1	
		39%	32504	10.8	4336.8	1790	7.5	18.99	3558.5	
		42%	38033	13.6	5420.3	1933	7.0	22.30	4513.3	
		45%	43720	16.5	6613.4	2069	6.6	25.72	5571.5	
		48%	49499	19.8	7901.9	2197	6.3	29.20	6716.5	
		51%	55312	23.2	9276.3	2318	6.0	32.70	7937.8	
		54%	61107	26.8	10731.0	2431	5.7	36.22	9219.9	0.0
		57%	66838	30.7	12261.1	2538	5.5	39.73	10558.7	0.0
		60%	72465	34.6	13859.7	2638	5.2	43.22	11938.9	0.0
		63%	77950	38.8	15515.2	2732	5.0	46.67	13351.7	0.0
		66%	83258	43.0	17209.8	2820	4.8	50.06	14782.0	0.0
		69%	88357	47.3	18919.3	2901	4.7	53.35	16205.9	0.0
		72%	93213	51.5	20613.1	2974	4.5	56.50	17594.8	0.0
		75%	97792	55.6	22256.4	3040	4.4	59.47	18929.3	0.0
		78%	102057	59.5	23812.3	3097	4.3	62.20	20170.6	0.0
		81%	105970	63.1	25244.6	3145	4.2	64.65	21292.0	0.0
		84%	109488	66.3	26520.7	3185	4.1	66.80	22276.8	0.0
		87%	112562	69.0	27614.1	3216	4.1	68.59	23099.2	0.0
		100%	113479	69.8	27934.3	3224	4.1	69.11	23332.2	0.0