



LOAD PERFORMANCE PARAMETERS

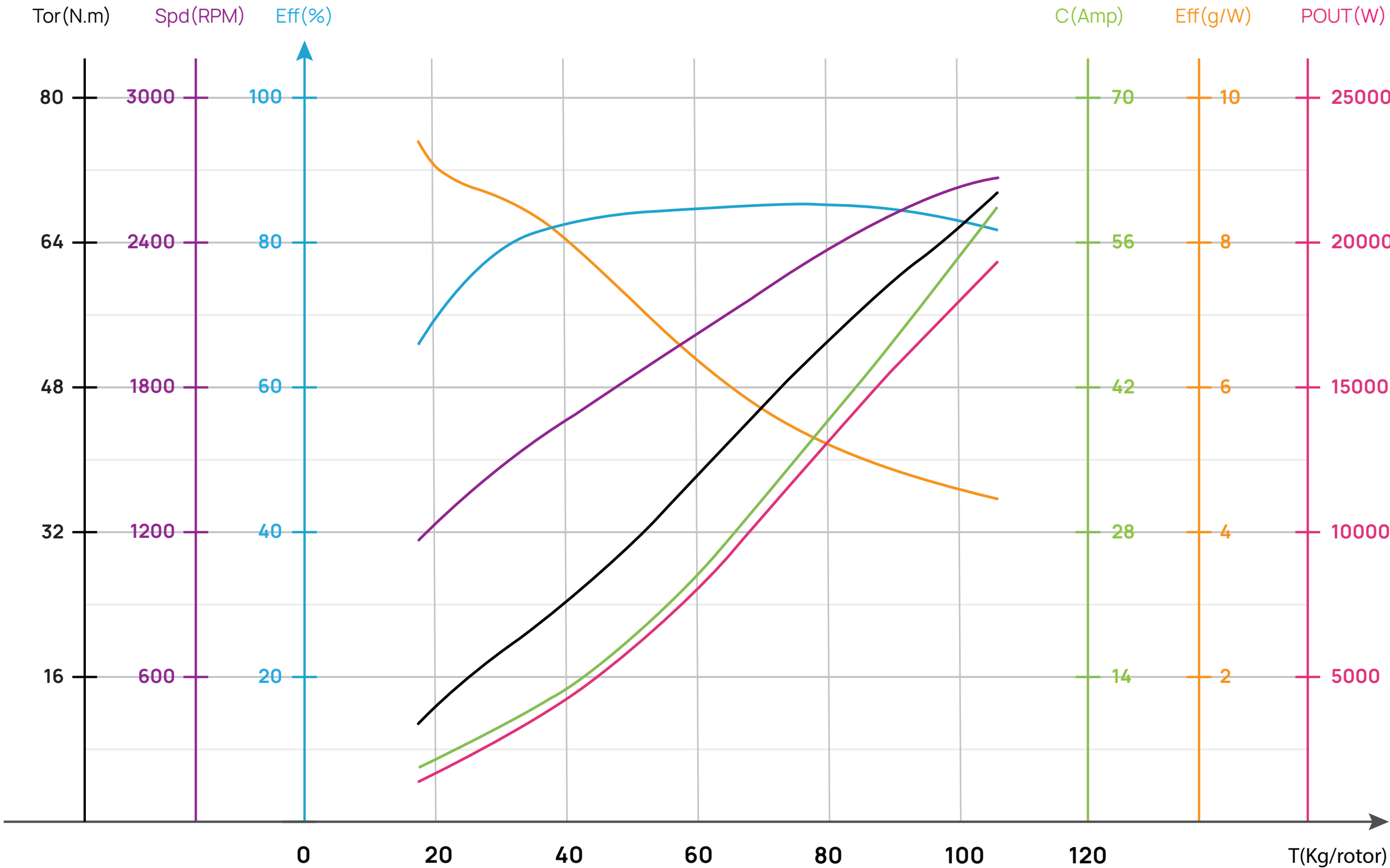
负载性能参数

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.

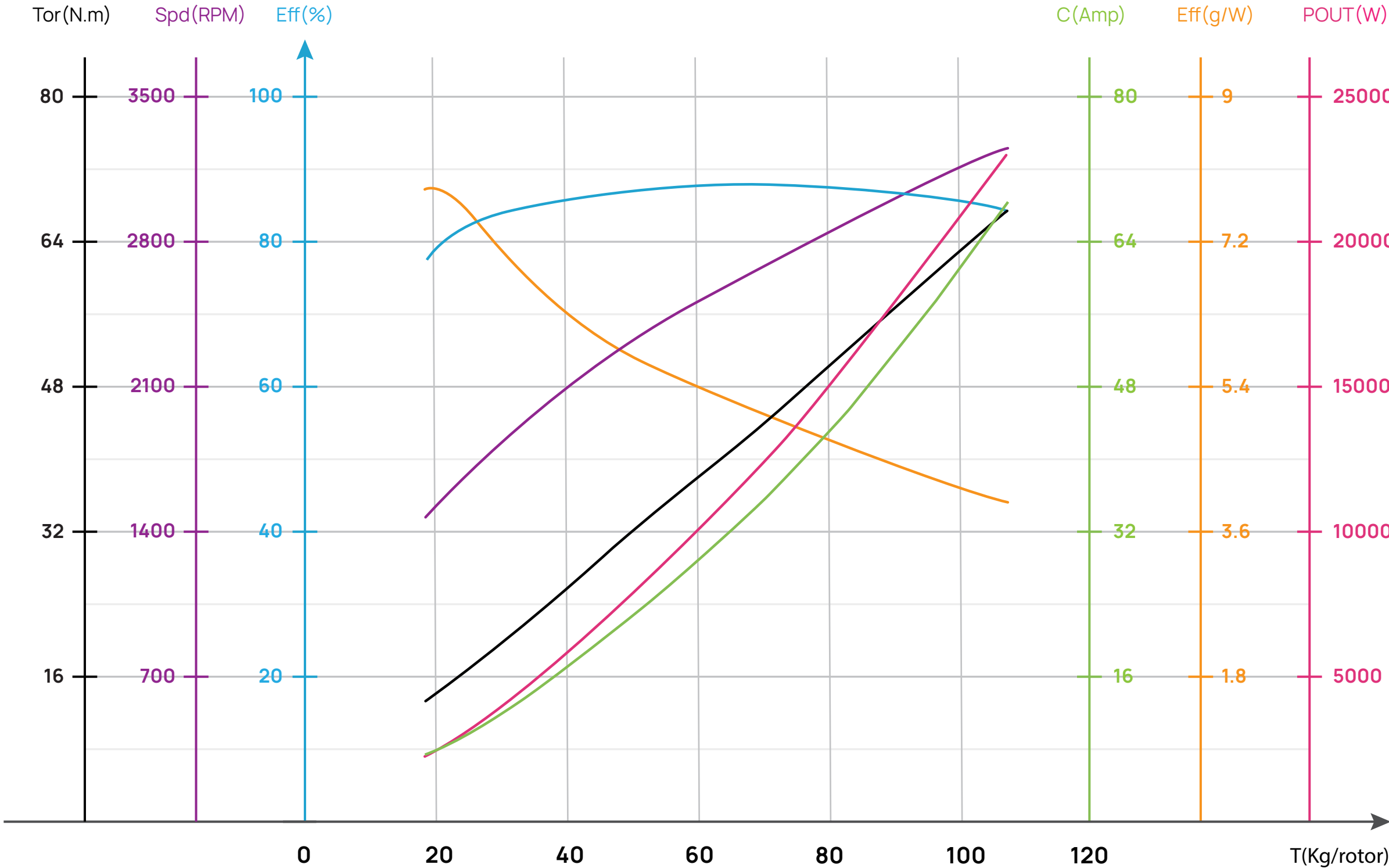
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

P50M-9KV & MSC 64×20



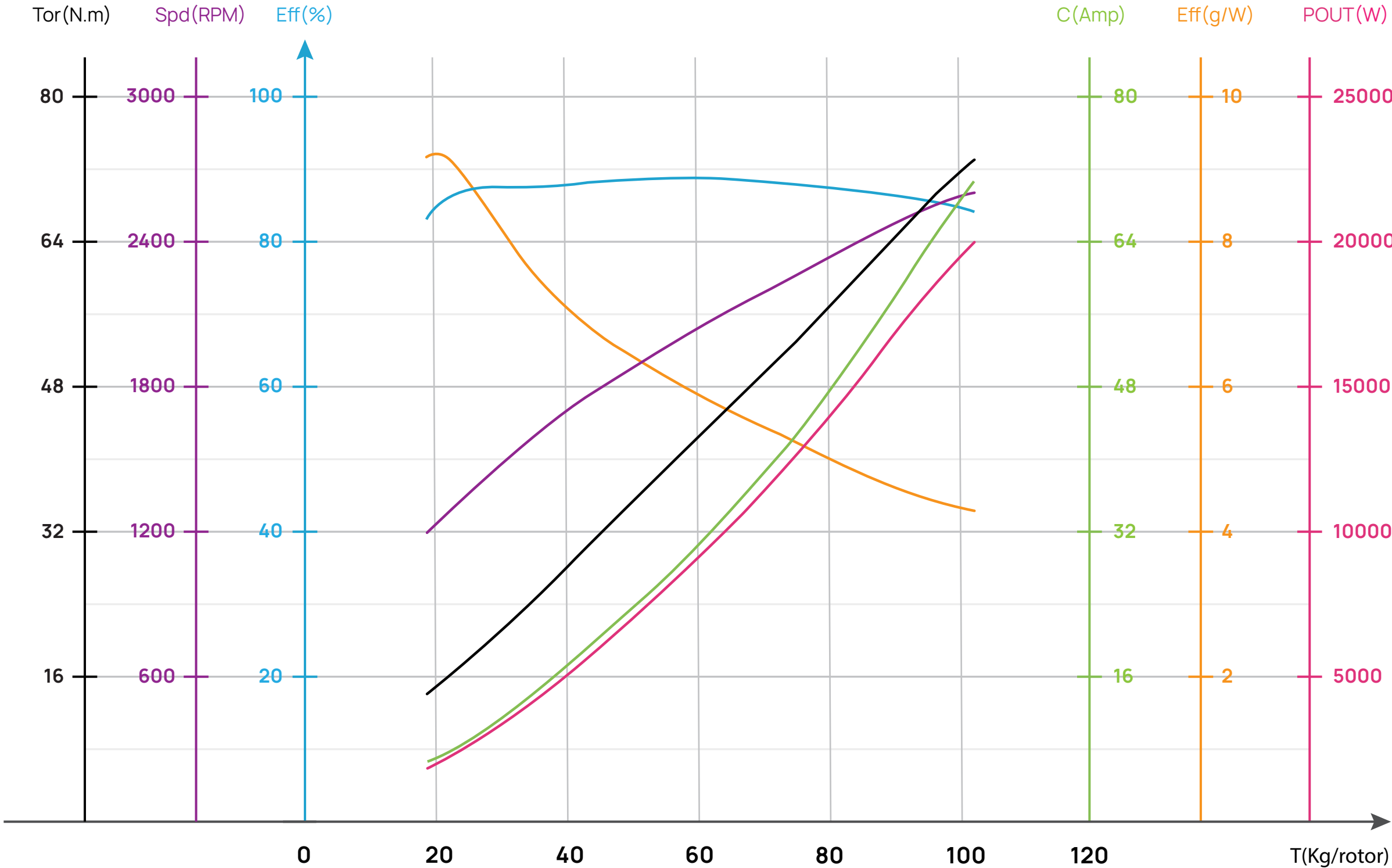
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(℃) 电机机壳温度
400V	MSC 64×20	35%	18099	4.9	1941.3	1153	9.3	10.50	1268.1	92℃
		37%	20158	5.6	2231.4	1210	9.0	12.04	1525.4	
		39%	24258	6.9	2766.3	1314	8.8	14.74	2028.0	
		42%	27941	8.1	3233.5	1400	8.6	16.91	2478.3	
		45%	33804	10.1	4026.0	1525	8.4	20.20	3226.4	
		48%	39750	12.4	4963.7	1643	8.0	23.67	4072.1	
		51%	46459	15.6	6242.0	1769	7.5	28.00	5185.6	
		54%	51849	18.6	7450.9	1868	7.0	31.82	6225.1	
		57%	56043	21.2	8497.8	1945	6.6	34.99	7124.6	
		60%	62207	25.5	10183.0	2057	6.1	39.82	8577.3	
		63%	65772	28.1	11222.9	2121	5.9	42.66	9475.7	
		66%	69844	31.1	12455.2	2194	5.6	45.87	10538.7	
		69%	73789	34.2	13682.1	2263	5.4	48.91	11590.2	
		72%	77704	37.3	14920.9	2330	5.2	51.81	12638.8	
		75%	82332	41.0	16401.0	2405	5.0	55.06	13863.8	
		78%	85705	43.7	17485.7	2456	4.9	57.29	14735.6	
		81%	89805	47.0	18809.1	2514	4.8	59.89	15763.2	
		84%	93866	50.3	20130.2	2564	4.7	62.37	16745.7	
		87%	98297	54.0	21596.4	2610	4.6	65.08	17787.8	
		90%	99987	55.4	22166.9	2625	4.5	66.15	18182.0	
		100%	104197	59.1	23633.3	2654	4.4	69.02	19176.5	

P50M-11KV & USC 54×23



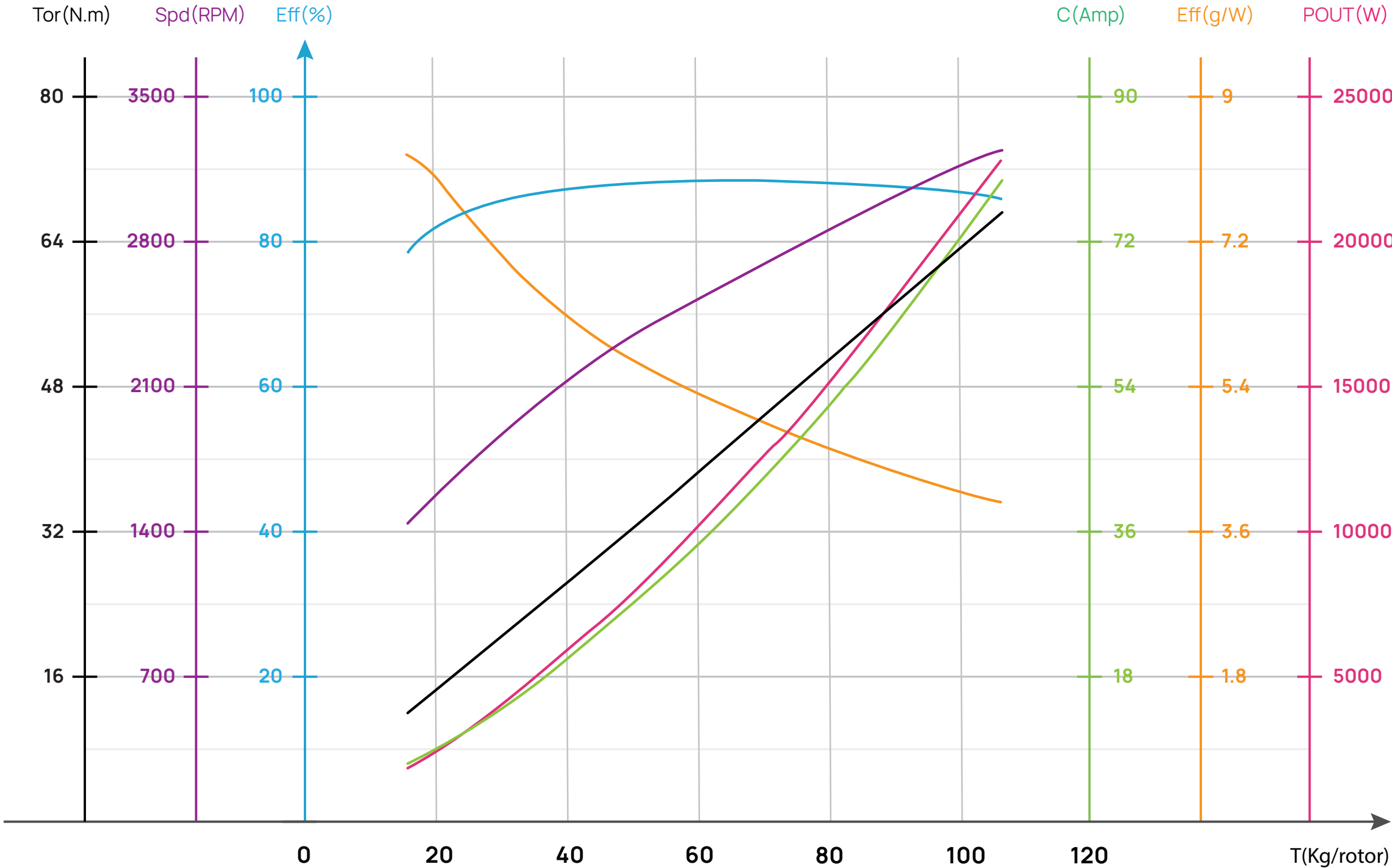
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
400V	USC 54×23	33%	20087	6.4	2554.1	1501	7.9	12.91	2029.8	90℃
		35%	23100	7.5	3003.4	1604	7.7	14.60	2451.5	
		37%	26227	8.8	3538.8	1705	7.4	16.45	2936.9	
		39%	29462	10.4	4150.7	1804	7.1	18.45	3484.2	
		42%	34501	13.0	5190.7	1947	6.6	21.65	4412.4	
		45%	39734	15.9	6348.7	2082	6.3	25.01	5452.5	
		48%	45121	19.0	7598.3	2209	5.9	28.45	6583.2	
		51%	50614	22.3	8921.6	2329	5.7	31.92	7784.9	
		54%	56159	25.8	10310.3	2441	5.4	35.38	9043.0	
		57%	61698	29.4	11762.9	2546	5.2	38.81	10348.5	
		60%	67169	33.2	13280.1	2646	5.1	42.21	11695.7	
		63%	72509	37.1	14859.2	2741	4.9	45.57	13077.6	
		66%	77654	41.2	16488.2	2830	4.7	48.87	14481.1	
		69%	82538	45.4	18142.8	2913	4.5	52.08	15883.8	
		72%	87101	49.5	19786.2	2989	4.4	55.12	17252.8	
		75%	91282	53.4	21372.3	3057	4.3	57.95	18548.0	
		78%	95028	57.1	22850.9	3115	4.2	60.47	19727.2	
		81%	98287	60.4	24174.2	3164	4.1	62.64	20753.8	
		84%	101018	63.2	25301.6	3202	4.0	64.42	21601.7	
		87%	103186	65.5	26203.5	3231	3.9	65.79	22258.2	
		90%	104765	67.1	26861.8	3251	3.9	66.76	22722.7	
		100%	106112	68.6	27422.8	3266	3.9	67.56	23107.4	

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 64×20	33%	20811	6.7	2254.7	1242	9.2	14.83	1928.4	98℃
		35%	23695	7.9	2631.3	1318	9.0	16.60	2290.9	
		37%	26664	9.2	3090.0	1394	8.6	18.55	2707.4	
		39%	29714	10.8	3617.8	1469	8.2	20.64	3175.6	
		42%	34432	13.5	4512.5	1579	7.6	23.99	3966.3	
		45%	39298	16.4	5500.5	1684	7.1	27.50	4847.7	
		48%	44282	19.6	6557.8	1782	6.8	31.10	5801.7	
		51%	49344	22.9	7672.6	1874	6.4	34.73	6813.4	
		54%	54441	26.4	8844.6	1959	6.2	38.37	7873.0	
		57%	59523	30.1	10080.0	2040	5.9	42.01	8976.6	
		60%	64540	34.0	11385.6	2118	5.7	45.65	10122.8	
		63%	69436	38.1	12761.4	2192	5.4	49.27	11308.3	
		66%	74158	42.4	14195.0	2263	5.2	52.85	12522.8	
		69%	78649	46.7	15659.4	2330	5.0	56.33	13745.2	
		72%	82856	51.1	17113.7	2393	4.8	59.64	14943.2	
		75%	86728	55.2	18509.0	2449	4.7	62.70	16076.4	
		78%	90217	59.1	19795.3	2496	4.6	65.43	17102.9	
		81%	93281	62.5	20929.1	2535	4.5	67.76	17987.3	
		84%	95882	65.3	21879.9	2564	4.4	69.67	18707.6	
		87%	97991	67.6	22632.2	2585	4.3	71.14	19257.9	
		90%	99585	69.2	23184.1	2599	4.3	72.20	19646.7	
		100%	101269	70.9	23745.4	2611	4.3	73.25	20024.6	

P50M-11KV & USC 54×23



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(℃) 电机机壳温度
335V	USC 54×23	33%	20372	7.5	2506.6	1504	8.1	12.82	2018.3	94℃
		35%	23552	9.0	3005.9	1608	7.8	14.74	2483.3	
		37%	26724	10.6	3561.2	1710	7.5	16.71	2990.8	
		39%	29916	12.4	4168.0	1808	7.2	18.71	3541.3	
		42%	34785	15.4	5169.0	1949	6.7	21.80	4447.9	
		45%	39790	18.7	6274.1	2082	6.3	25.00	5450.0	
		48%	44946	22.3	7479.0	2207	6.0	28.31	6542.5	
		51%	50244	26.2	8780.2	2325	5.7	31.71	7718.1	
		54%	55652	30.4	10174.2	2434	5.5	35.19	8968.7	
		57%	61121	34.8	11656.7	2537	5.2	38.72	10286.1	
		60%	66587	39.5	13220.2	2635	5.0	42.27	11661.6	
		63%	71974	44.3	14850.7	2729	4.8	45.79	13083.6	
		66%	77199	49.3	16525.2	2818	4.7	49.25	14533.3	
		69%	82176	54.3	18209.0	2903	4.5	52.56	15981.0	
		72%	86817	59.3	19857.4	2982	4.4	55.68	17385.9	
		75%	91040	63.9	21418.3	3052	4.3	58.51	18699.2	
		78%	94767	68.2	22838.8	3111	4.1	61.00	19871.7	
		81%	97933	71.8	24070.8	3158	4.1	63.09	20863.0	
		84%	100487	74.8	25076.7	3192	4.0	64.76	21647.9	
		87%	102394	77.1	25832.4	3216	4.0	65.99	22219.1	
		90%	103643	78.6	26328.1	3230	3.9	66.78	22583.3	
		100%	104316	79.4	26595.4	3237	3.9	67.20	22775.9	