



# LOAD PERFORMANCE PARAMETERS

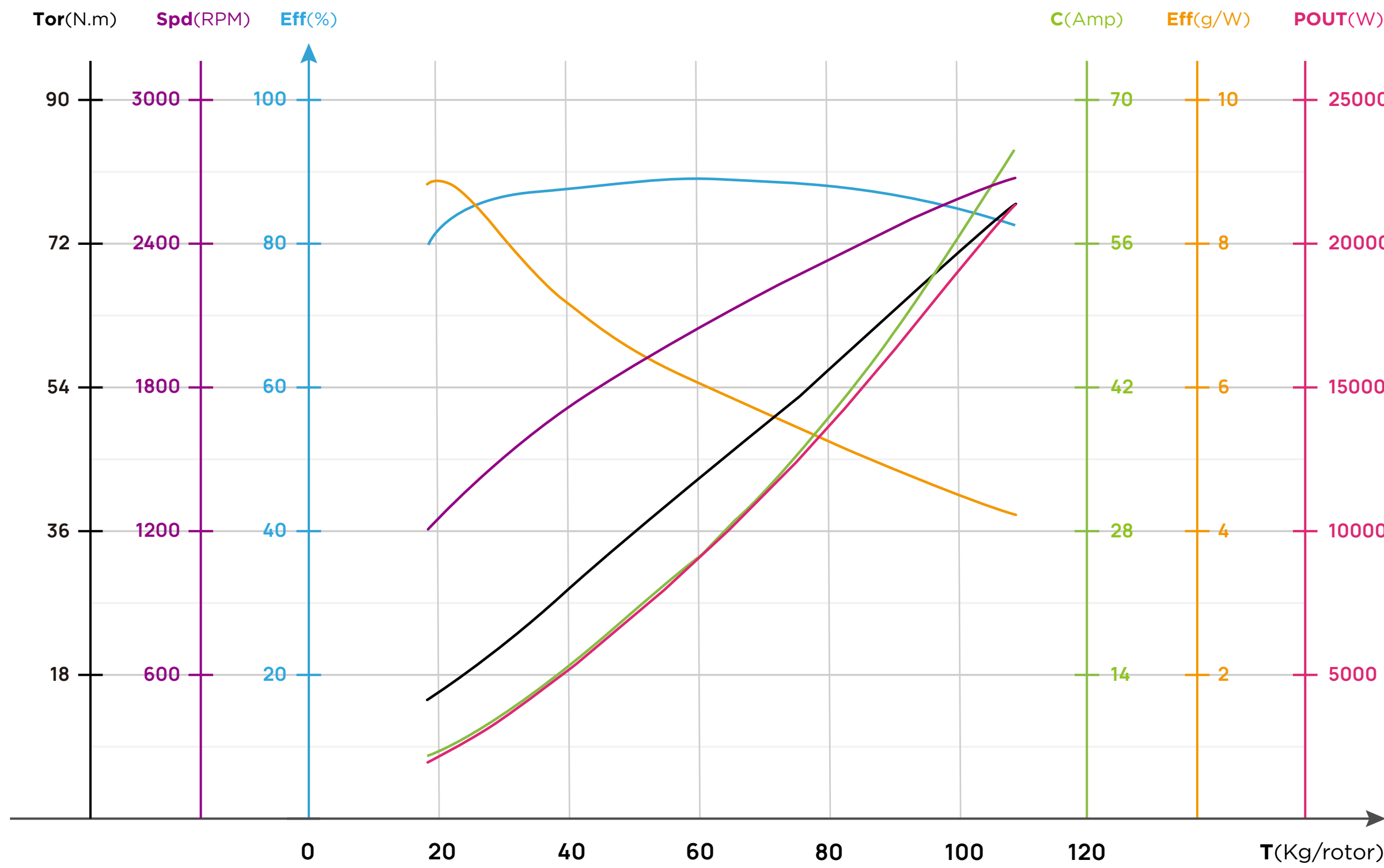
## 负载性能参数

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 above is measured in room temperature of 25°C.

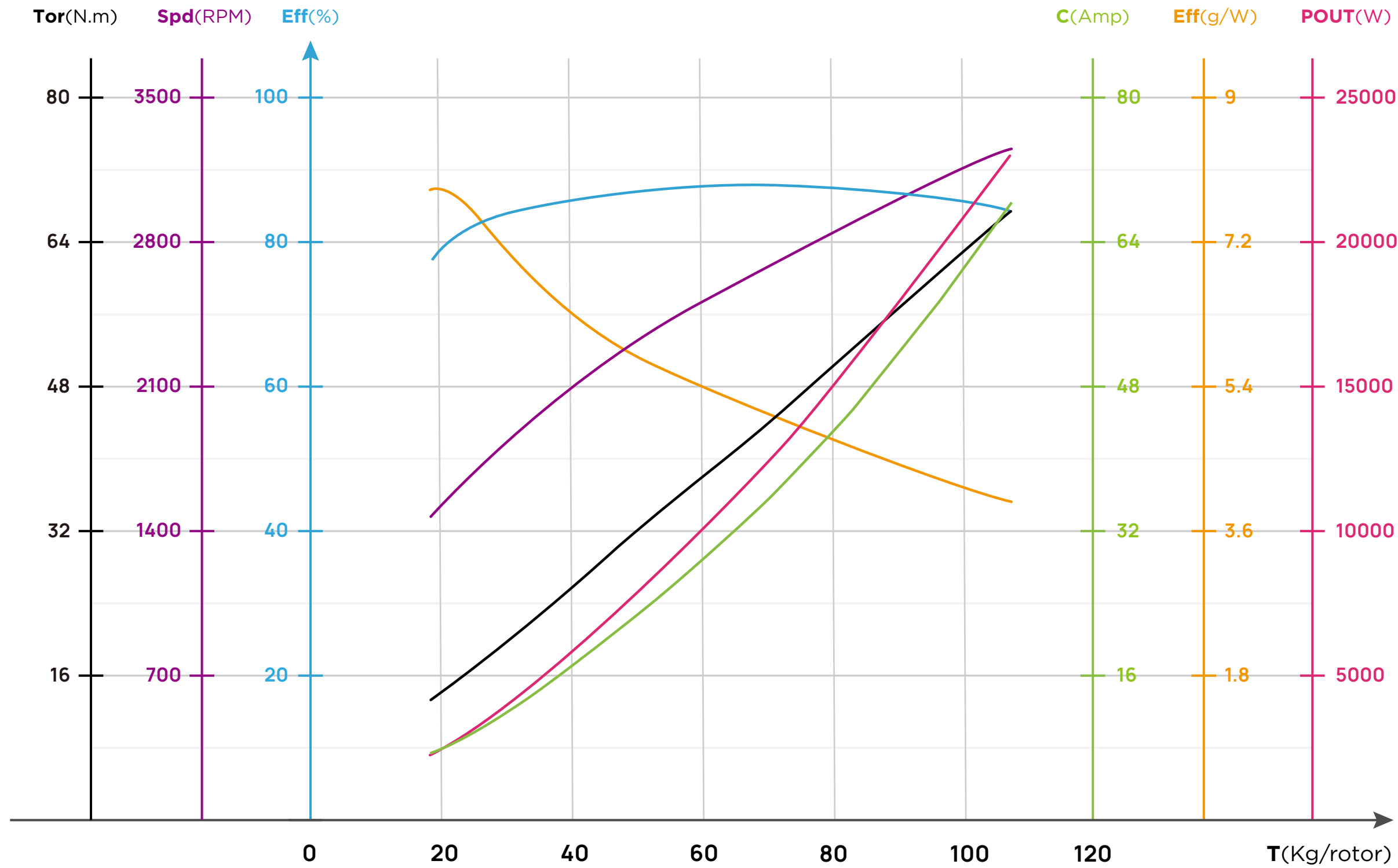
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

# P50M & 64\*20" - 9KV



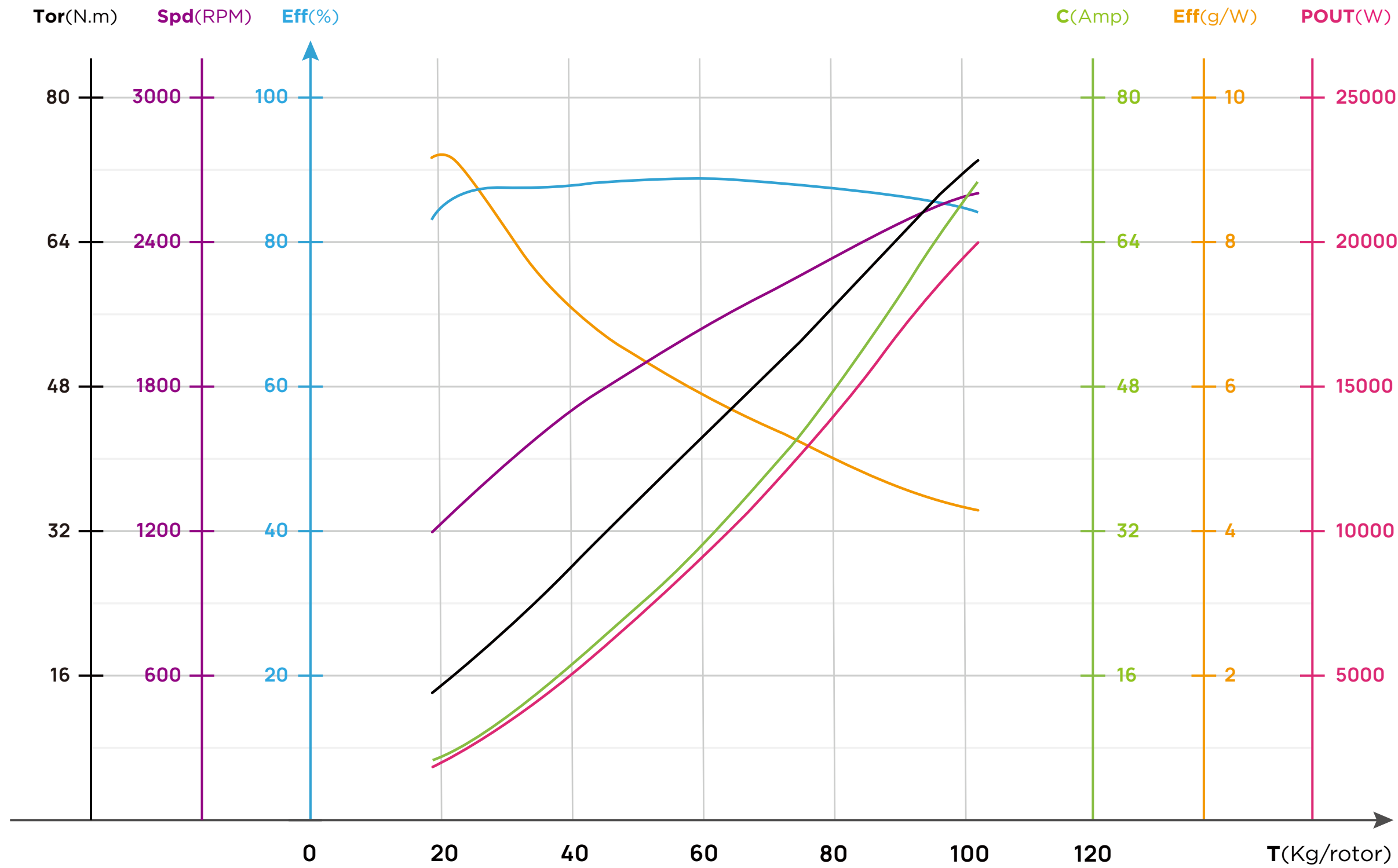
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
400V	64*20"	33%	21266	6.0	2419.1	1241	8.8	15.14	92°C
		35%	24045	6.9	2773.7	1318	8.7	16.77	
		37%	26999	8.0	3213.4	1395	8.4	18.65	
		39%	30100	9.3	3729.9	1470	8.1	20.72	
		42%	34968	11.6	4624.5	1580	7.6	24.12	
		45%	40029	14.1	5629.0	1683	7.1	27.72	
		48%	45211	16.8	6711.2	1781	6.7	31.41	
		51%	50452	19.6	7849.7	1873	6.4	35.10	
		54%	55698	22.6	9034.7	1959	6.2	38.74	
		57%	60900	25.7	10265.4	2041	5.9	42.33	
		60%	66013	28.9	11545.7	2119	5.7	45.86	
		63%	70999	32.2	12879.1	2192	5.5	49.35	
		66%	75821	35.7	14264.3	2262	5.3	52.80	
		69%	80444	39.2	15692.7	2326	5.1	56.19	
		72%	84835	42.9	17146.5	2387	4.9	59.49	
		75%	88959	46.5	18599.3	2441	4.8	62.65	
		78%	92783	50.0	20018.0	2490	4.6	65.60	
		81%	96269	53.4	21364.8	2533	4.5	68.28	
84%	99376	56.5	22600.5	2569	4.4	70.62			
87%	102062	59.2	23687.4	2599	4.3	72.59			
90%	104275	61.5	24591.0	2621	4.2	74.14			
100%	107492	64.8	25904.9	2652	4.1	76.25			

# P50M & 54\*23" - 11KV



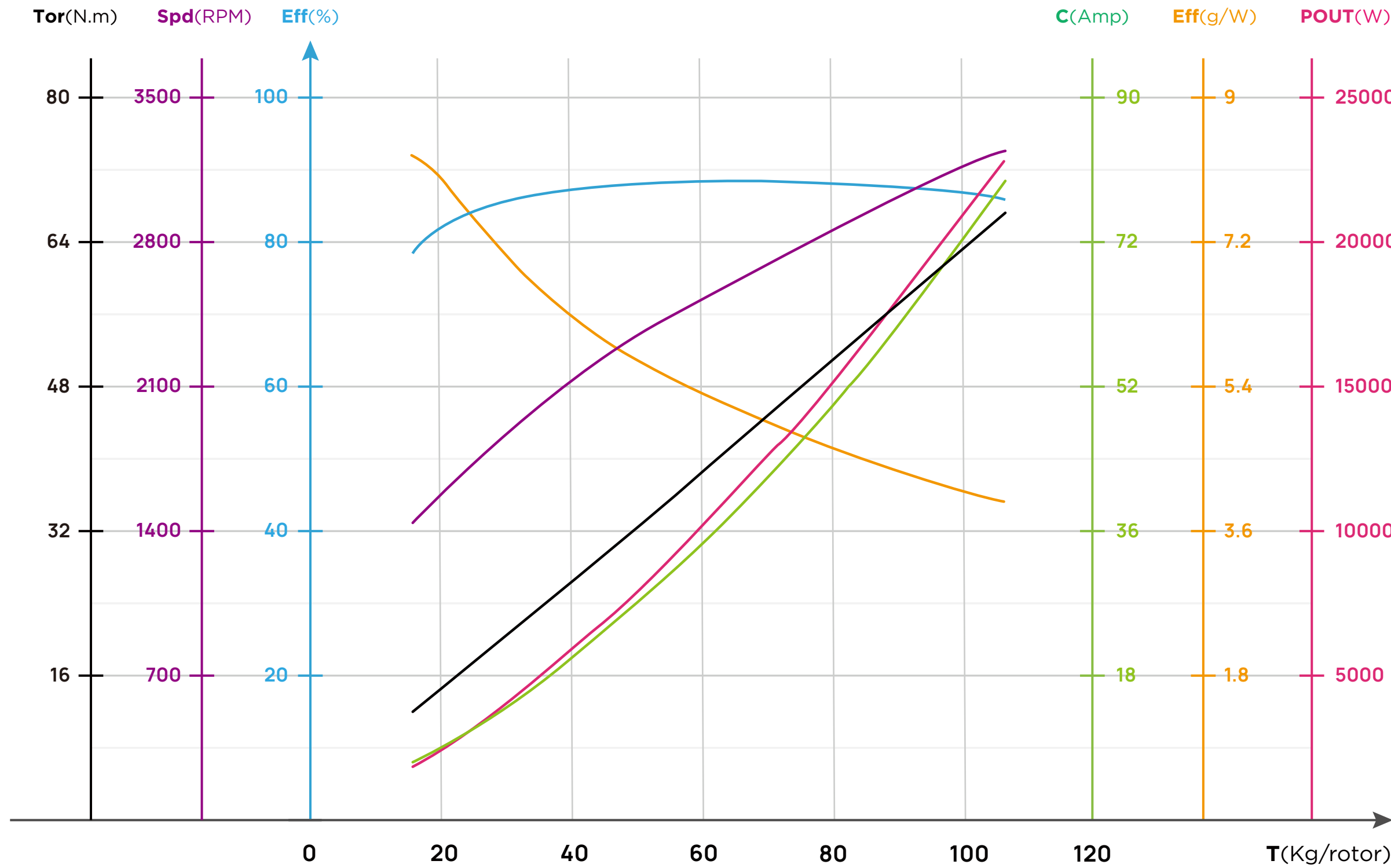
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
400V	54*23"	33%	20087	6.4	2554.1	1501	7.9	12.91	90°C
		35%	23100	7.5	3003.4	1604	7.7	14.60	
		37%	26227	8.8	3538.8	1705	7.4	16.45	
		39%	29462	10.4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

# P50M & 64\*20" - 9KV



Voltage (V) 工作电压	Propeller 螺旋桨	Throttle (%) 油门	Thrust (g) 拉力	Current (A) 电流	Power (W) 输入功率	Speed (RPM) 转速	Efficiency (g/W) 力效	Torque (N·m) 扭矩	Temperature (°C) 电机机壳温度
335V	64*20"	33%	20811	6.7	2254.7	1242	9.2	14.83	98°C
		35%	23695	7.9	2631.3	1318	9.0	16.60	
		37%	26664	9.2	3090.0	1394	8.6	18.55	
		39%	29714	10.8	3617.8	1469	8.2	20.64	
		42%	34432	13.5	4512.5	1579	7.6	23.99	
		45%	39298	16.4	5500.5	1684	7.1	27.50	
		48%	44282	19.6	6557.8	1782	6.8	31.10	
		51%	49344	22.9	7672.6	1874	6.4	34.73	
		54%	54441	26.4	8844.6	1959	6.2	38.37	
		57%	59523	30.1	10080.0	2040	5.9	42.01	
		60%	64540	34.0	11385.6	2118	5.7	45.65	
		63%	69436	38.1	12761.4	2192	5.4	49.27	
		66%	74158	42.4	14195.0	2263	5.2	52.85	
		69%	78649	46.7	15659.4	2330	5.0	56.33	
		72%	82856	51.1	17113.7	2393	4.8	59.64	
		75%	86728	55.2	18509.0	2449	4.7	62.70	
		78%	90217	59.1	19795.3	2496	4.6	65.43	
81%	93281	62.5	20929.1	2535	4.5	67.76			
84%	95882	65.3	21879.9	2564	4.4	69.67			
87%	97991	67.6	22632.2	2585	4.3	71.14			
90%	99585	69.2	23184.1	2599	4.3	72.20			
100%	101269	70.9	23745.4	2611	4.3	73.25			

# P50M & 54\*23" - 11KV



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
335V	54*23"	33%	20372	7.5	2506.6	1504	8.1	12.82	94°C
		35%	23552	9.0	3005.9	1608	7.8	14.74	
		37%	26724	10.6	3561.2	1710	7.5	16.71	
		39%	29916	12.4	4168.0	1808	7.2	18.71	
		42%	34785	15.4	5169.0	1949	6.7	21.80	
		45%	39790	18.7	6274.1	2082	6.3	25.00	
		48%	44946	22.3	7479.0	2207	6.0	28.31	
		51%	50244	26.2	8780.2	2325	5.7	31.71	
		54%	55652	30.4	10174.2	2434	5.5	35.19	
		57%	61121	34.8	11656.7	2537	5.2	38.72	
		60%	66587	39.5	13220.2	2635	5.0	42.27	
		63%	71974	44.3	14850.7	2729	4.8	45.79	
		66%	77199	49.3	16525.2	2818	4.7	49.25	
		69%	82176	54.3	18209.0	2903	4.5	52.56	
		72%	86817	59.3	19857.4	2982	4.4	55.68	
		75%	91040	63.9	21418.3	3052	4.3	58.51	
		78%	94767	68.2	22838.8	3111	4.1	61.00	
81%	97933	71.8	24070.8	3158	4.1	63.09			
84%	100487	74.8	25076.7	3192	4.0	64.76			
87%	102394	77.1	25832.4	3216	4.0	65.99			
90%	103643	78.6	26328.1	3230	3.9	66.78			
100%	104316	79.4	26595.4	3237	3.9	67.20			