



LOAD PERFORMANCE PARAMETERS

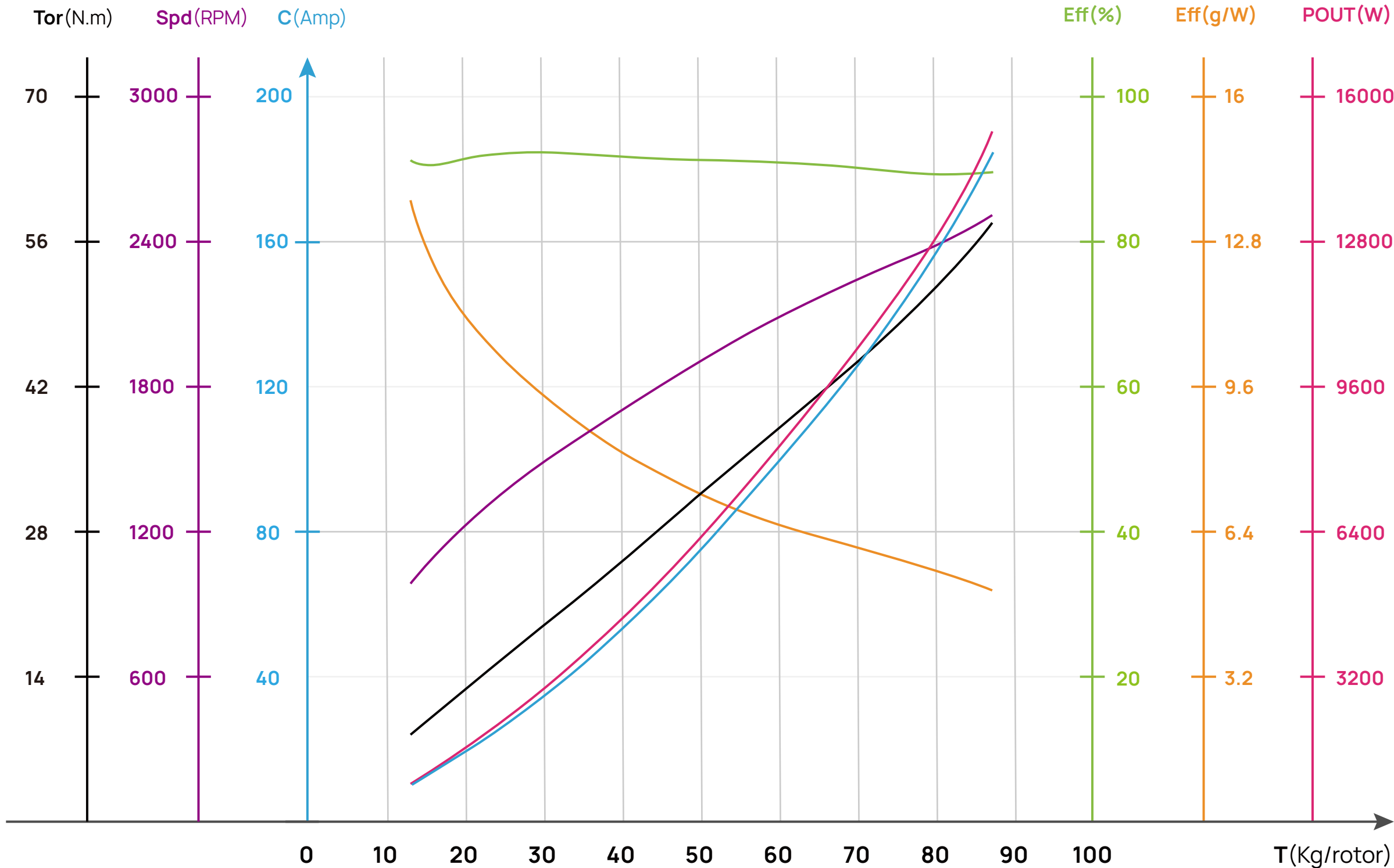
负载性能参数

以下数据为好盈实验室于室温 25°C、海平面高度，变化油门输入调节测得，电机温度为65%油门运行10分钟数据，仅供参考。

The below data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level, with varying throttle input.

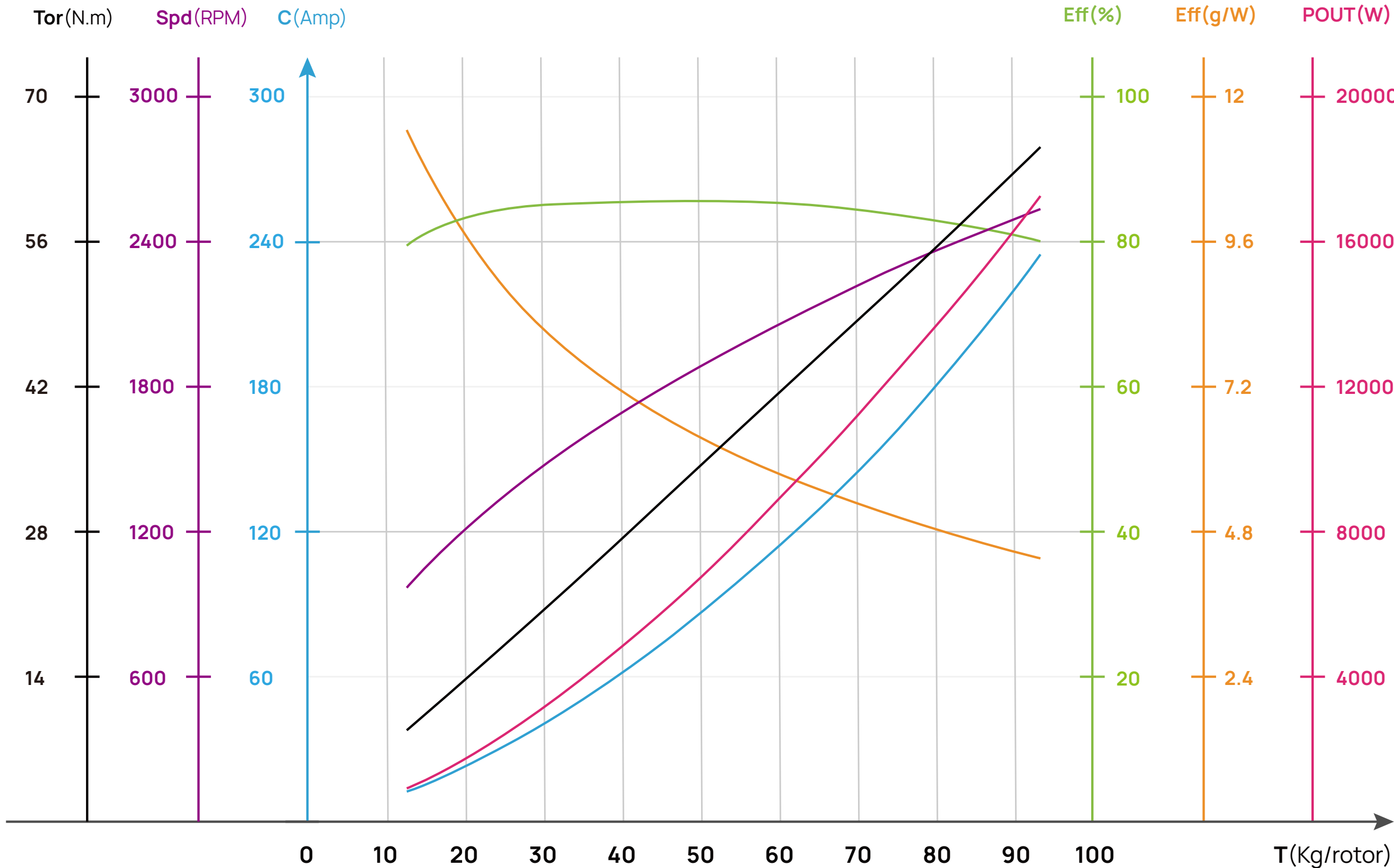
The motor temperature is measured after running for 10 minutes at 65% throttle, for reference only.

34KV+MSC 58×24



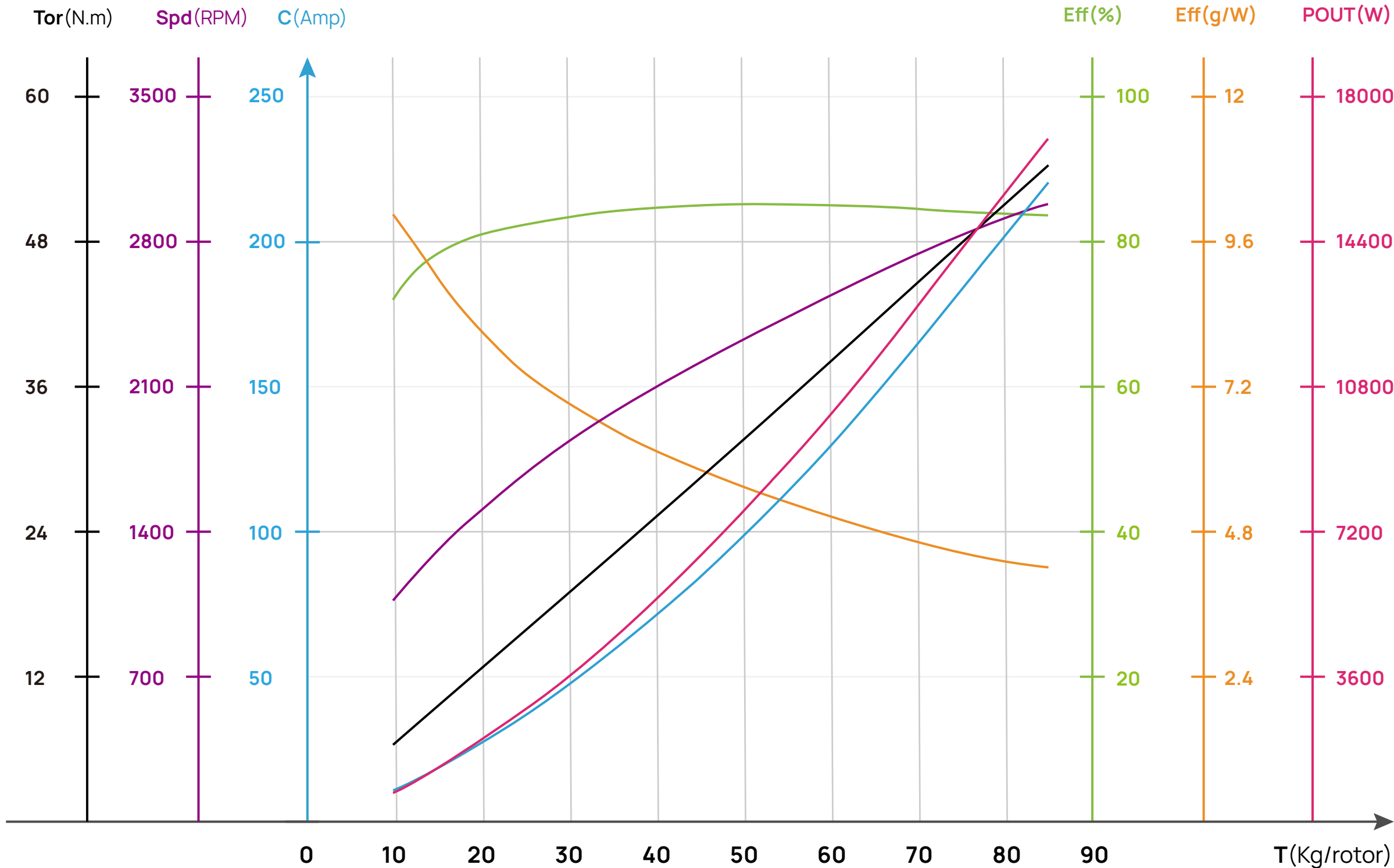
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 58×24	33%	13594	10.9	1006.5	1001	13.5	8.73	915.0	83°C
		35%	14932	12.7	1167.3	1052	12.8	9.60	1057.2	
		37%	16472	14.7	1352.6	1107	12.2	10.58	1226.0	
		39%	18172	16.9	1559.6	1164	11.7	11.64	1418.5	
		42%	20953	20.7	1907.8	1250	11.0	13.35	1746.4	
		45%	23937	25.0	2300.4	1333	10.4	15.16	2116.5	
		48%	27063	29.8	2738.6	1414	9.9	17.06	2525.9	
		51%	30295	35.0	3224.4	1492	9.4	19.04	2974.0	
		54%	33614	40.8	3760.0	1567	8.9	21.10	3462.6	
		57%	37015	47.2	4347.3	1642	8.5	23.23	3994.3	
		60%	40502	54.2	4988.4	1716	8.1	25.45	4572.4	
		63%	44087	61.8	5684.9	1790	7.8	27.75	5200.0	
		66%	47779	69.9	6438.0	1863	7.4	30.13	5879.2	
		69%	51588	78.7	7247.8	1937	7.1	32.60	6609.8	
		72%	55514	88.1	8113.4	2009	6.8	35.13	7389.1	
		75%	59546	98.1	9032.8	2079	6.6	37.72	8211.7	
		78%	63657	108.7	10003.4	2147	6.4	40.35	9070.5	
		81%	67800	119.7	11022.2	2210	6.2	43.03	9959.1	
		84%	71903	131.3	12085.5	2270	5.9	45.74	10873.8	
		87%	75864	143.2	13184.4	2327	5.8	48.48	11812.9	
		90%	79550	155.3	14295.8	2381	5.6	51.21	12769.3	
		100%	87196	184.9	17019.1	2513	5.1	57.88	15232.4	

34KV+MSC 64×20



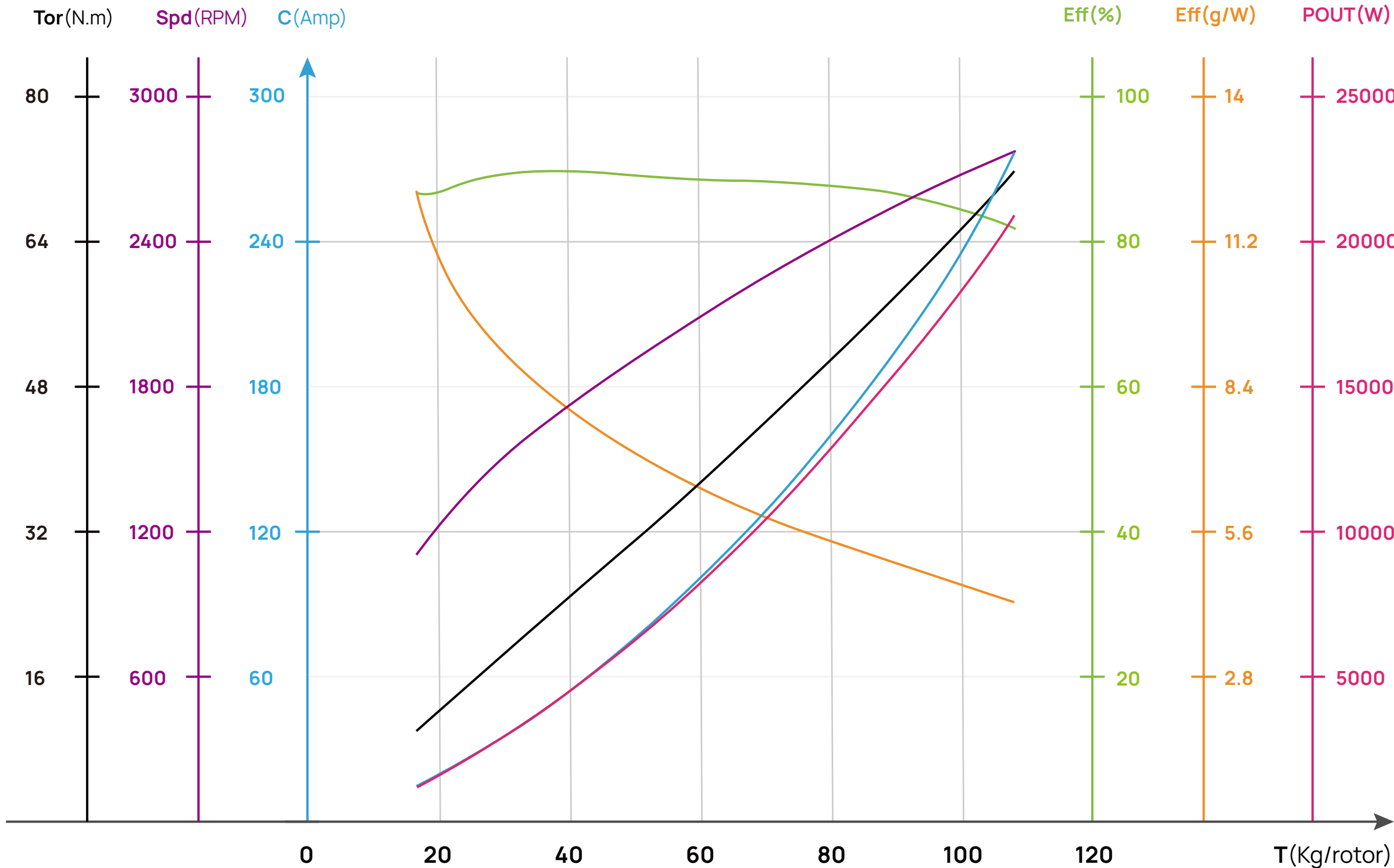
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 64×20	33%	13483	13.1	1201.9	991	11.2	9.24	958.8	80℃
		35%	14997	15.1	1388.7	1043	10.8	10.25	1119.5	
		37%	16609	17.4	1596.7	1097	10.4	11.32	1300.3	
		39%	18313	19.9	1826.8	1151	10.0	12.46	1501.7	
		42%	21037	24.1	2217.0	1233	9.5	14.27	1842.4	
		45%	23948	28.9	2663.3	1314	9.0	16.22	2231.7	
		48%	27031	34.4	3167.7	1395	8.5	18.29	2671.7	
		51%	30273	40.6	3733.7	1474	8.1	20.48	3161.0	
		54%	33657	47.4	4360.4	1552	7.7	22.79	3703.7	
		57%	37169	54.9	5049.7	1627	7.4	25.21	4294.9	
		60%	40794	63.0	5800.7	1701	7.0	27.72	4937.4	
		63%	44515	71.9	6612.4	1774	6.7	30.33	5634.1	
		66%	48320	81.3	7484.8	1845	6.5	33.01	6377.3	
		69%	52194	91.4	8415.2	1914	6.2	35.74	7163.0	
		72%	56124	102.2	9404.5	1982	6.0	38.52	7994.4	
		75%	60099	113.6	10451.8	2049	5.7	41.33	8867.6	
		78%	64108	125.6	11557.1	2114	5.5	44.15	9773.1	
		81%	68142	138.2	12721.3	2178	5.4	46.97	10712.1	
		84%	72192	151.6	13948.1	2240	5.2	49.80	11680.8	
		87%	76254	165.6	15241.1	2300	5.0	52.64	12677.7	
		90%	80324	180.4	16605.9	2358	4.8	55.50	13703.6	
		100%	93255	233.8	21518.5	2522	4.3	64.99	17162.8	

38KV+USC 54×23



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
92V (24S LiPo)	USC 54×23	35%	9899	10.7	984.4	1068	10.1	6.34	709.0	/
		37%	12007	13.6	1246.6	1170	9.6	7.68	940.9	
		39%	13966	16.5	1515.2	1259	9.2	8.91	1174.6	
		42%	16087	19.9	1829.9	1350	8.8	10.23	1446.1	
		45%	19774	26.4	2426.0	1496	8.2	12.52	1961.2	
		48%	22243	31.0	2855.7	1586	7.8	14.04	2331.7	
		51%	25891	38.4	3530.0	1708	7.3	16.30	2915.2	
		54%	28069	43.0	3952.3	1776	7.1	17.65	3282.3	
		57%	32033	51.7	4758.2	1891	6.7	20.12	3984.0	
		60%	36180	61.4	5650.6	2002	6.4	22.72	4762.9	
		63%	39872	70.5	6488.8	2094	6.1	25.06	5494.8	
		66%	43681	80.4	7400.5	2184	5.9	27.49	6286.7	
		69%	46281	87.5	8050.0	2244	5.8	29.16	6851.8	
		72%	50262	98.8	9093.3	2332	5.5	31.73	7748.1	
		75%	54324	111.1	10219.4	2420	5.3	34.38	8712.0	
		78%	59829	128.8	11848.7	2535	5.1	37.97	10078.9	
		81%	63987	143.0	13154.2	2620	4.9	40.69	11163.1	
		84%	68127	157.8	14513.0	2702	4.7	43.40	12279.2	
		87%	72203	172.8	15894.8	2780	4.5	46.06	13408.0	
		90%	76155	187.6	17262.0	2850	4.4	48.62	14509.6	
		100%	85011	220.5	20288.8	2983	4.2	54.33	16970.3	

38KV+MSC 58×24



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power Input(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Power Output(W) 输出功率	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 58×24	33%	16980	15.4	1413.4	1121	12.0	10.43	1224.3	88.0℃
		35%	18505	17.7	1627.6	1177	11.4	11.44	1409.9	
		37%	20250	20.3	1873.1	1238	10.8	12.57	1629.1	
		39%	22187	23.3	2148.1	1300	10.3	13.81	1879.9	
		42%	25398	28.4	2614.0	1395	9.7	15.83	2311.5	
		45%	28911	34.2	3144.6	1487	9.2	18.01	2804.6	
		48%	32666	40.7	3742.7	1577	8.7	20.32	3355.3	
		51%	36613	47.9	4411.4	1663	8.3	22.75	3961.5	
		54%	40711	56.0	5153.5	1745	7.9	25.30	4623.3	
		57%	44927	64.9	5969.8	1826	7.5	27.94	5341.7	
		60%	49236	74.5	6859.8	1905	7.2	30.68	6118.4	
		63%	53618	85.0	7821.6	1983	6.9	33.50	6954.8	
		66%	58059	96.2	8852.3	2060	6.6	36.40	7851.3	
		69%	62547	108.1	9949.1	2136	6.3	39.38	8806.9	
		72%	67071	120.7	11109.9	2211	6.0	42.40	9818.9	
		75%	71624	134.0	12334.1	2285	5.8	45.48	10883.1	
		78%	76197	148.0	13623.4	2357	5.6	48.60	11993.7	
		81%	80778	162.8	14982.6	2426	5.4	51.75	13144.4	
		84%	85355	178.4	16419.7	2491	5.2	54.93	14328.9	
		87%	89910	195.0	17946.1	2553	5.0	58.14	15542.4	
		90%	94421	212.7	19575.9	2611	4.8	61.38	16782.5	
		100%	108030	277.7	25561.8	2778	4.2	71.88	20912.2	