



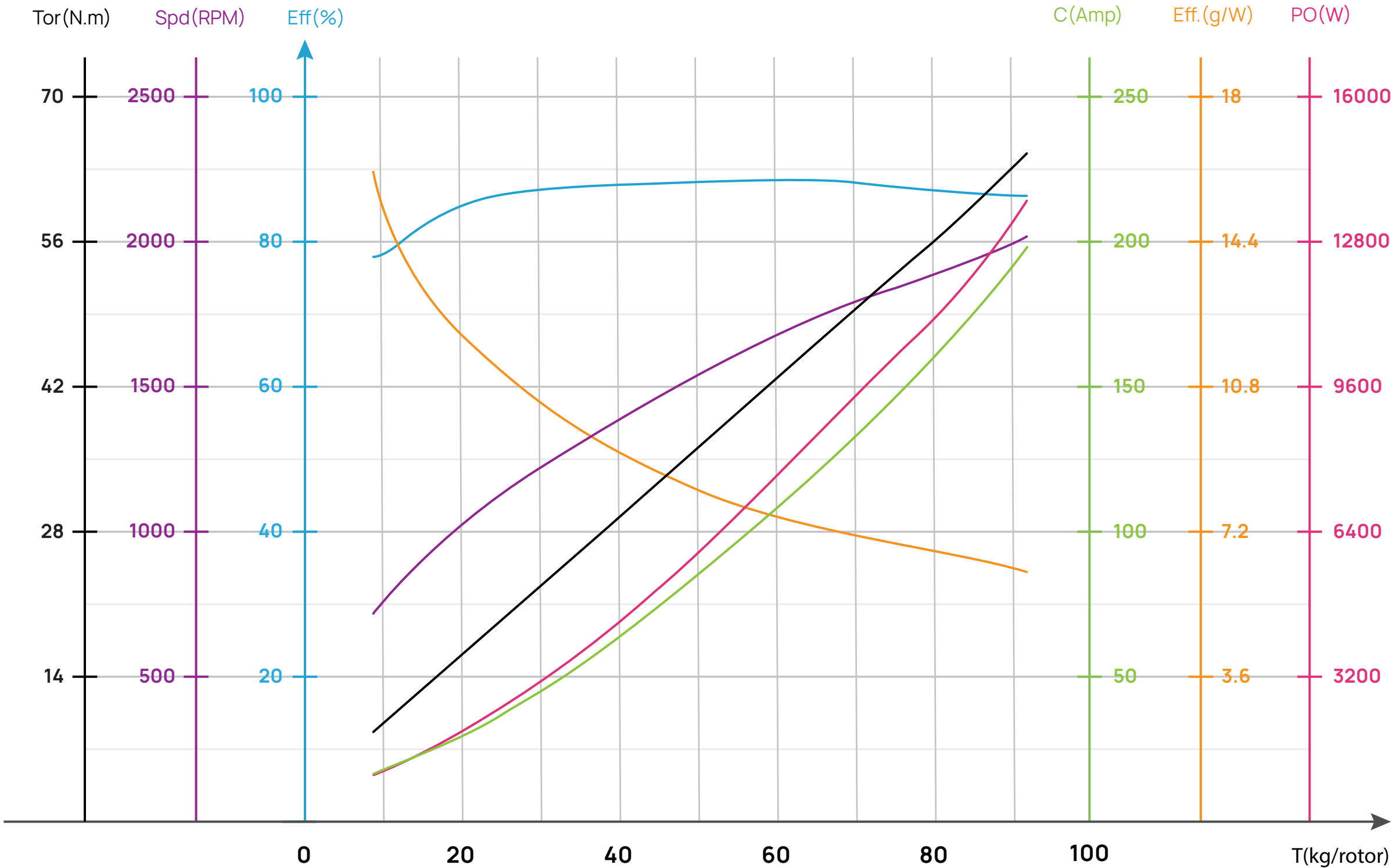
LOAD PERFORMANCE PARAMETERS

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，机壳温度为65%油门运行10分钟数据，仅供参考。

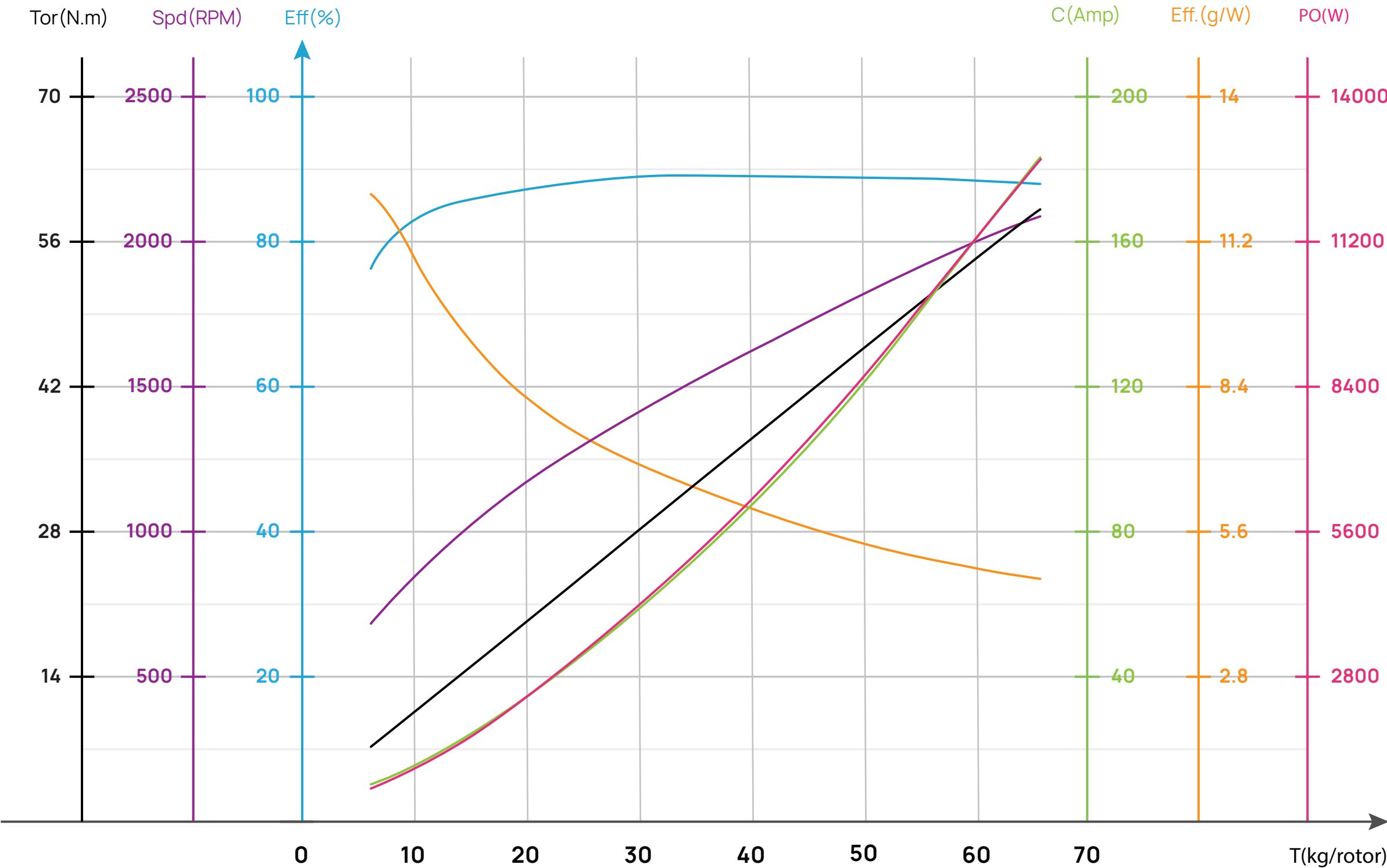
The below data is measured by HobbyWing laboratory at room temperature 25°C, sea level, change the throttle input adjustment, the motor housing temperature is 65% and the throttle runs for 10 minutes, for reference only.

H15 Plus 31KV & 72x25" (上轴/Upper Rotor)



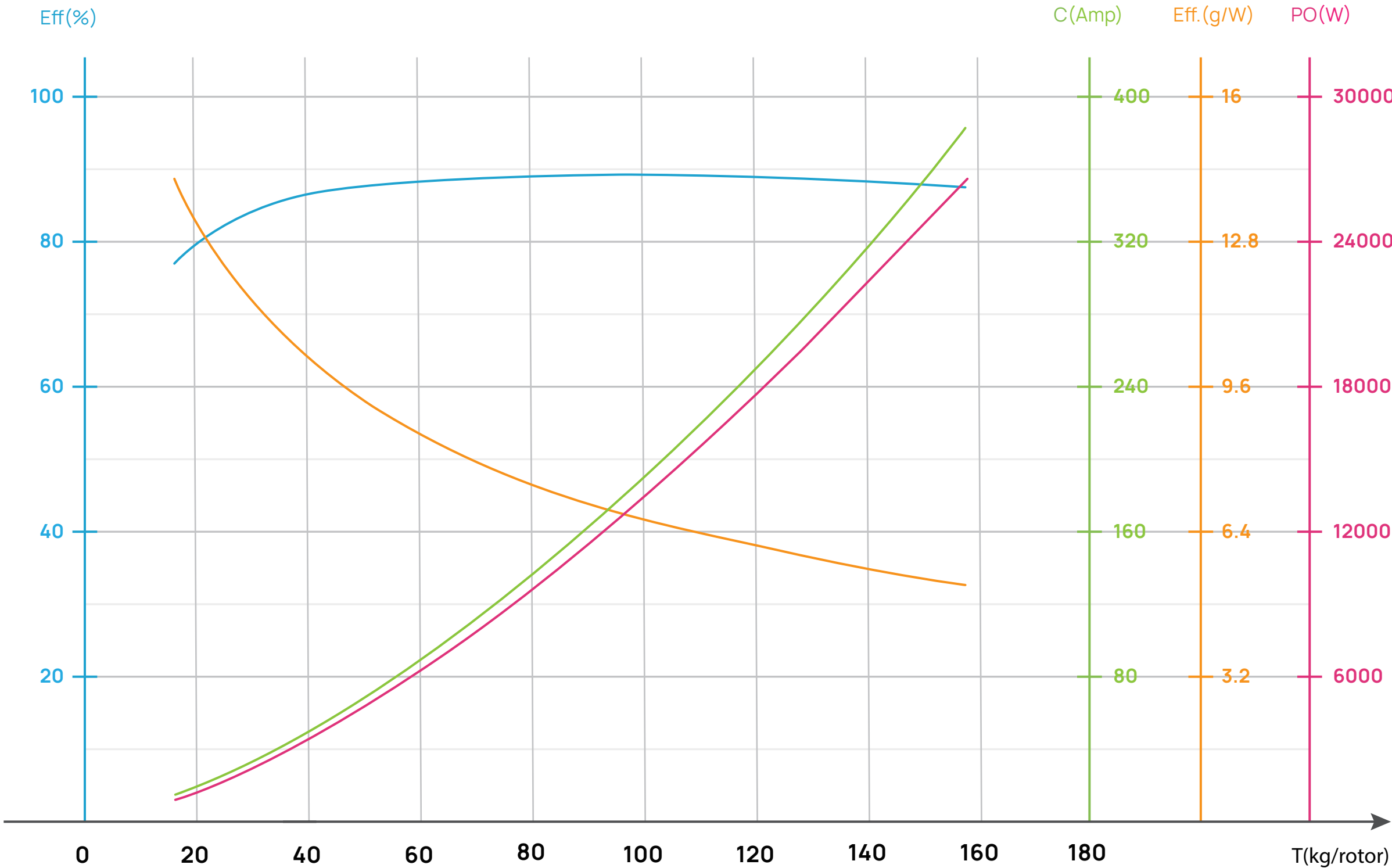
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
80V (24S LiPo)	72x25"	33%	8985	6.9	553.4	656	16.2	6.27	430.7	/
		38%	12080	10.6	844.8	758	14.3	8.49	673.9	
		42%	15297	14.5	1162.0	852	13.2	10.73	957.3	
		44%	17092	16.8	1346.9	899	12.7	11.96	1125.9	
		46%	18993	19.4	1552.0	946	12.2	13.26	1313.5	
		48%	20991	22.2	1776.2	993	11.8	14.62	1520.2	
		50%	23081	25.3	2022.8	1040	11.4	16.05	1747.9	
		52%	25263	28.7	2294.3	1086	11.0	17.55	1995.7	
		54%	27535	32.4	2591.4	1131	10.6	19.11	2263.2	
		56%	29903	36.4	2917.3	1177	10.3	20.75	2557.4	
		58%	32369	40.9	3275.3	1223	9.9	22.48	2878.9	
		60%	34941	45.8	3666.9	1269	9.5	24.30	3229.0	
		62%	37623	51.1	4095.3	1316	9.2	26.21	3611.8	
		64%	40423	57.0	4562.2	1364	8.9	28.22	4030.6	
		66%	43346	63.3	5069.9	1412	8.5	30.33	4484.4	
		68%	46397	70.2	5619.2	1461	8.3	32.54	4978.1	
		70%	49578	77.6	6211.0	1511	8.0	34.84	5512.4	
		72%	52892	85.5	6845.2	1560	7.7	37.23	6081.5	
		76%	59906	102.9	8238.6	1659	7.3	42.22	7334.3	
		80%	67388	122.2	9790.2	1752	6.9	47.41	8697.6	
		85%	77211	149.3	11956.6	1857	6.5	54.08	10515.9	
		100%	91976	198.2	15872.2	2022	5.8	65.00	13762.3	

H15 Plus 31KV & 72x25" (下轴/Lower Rotor)



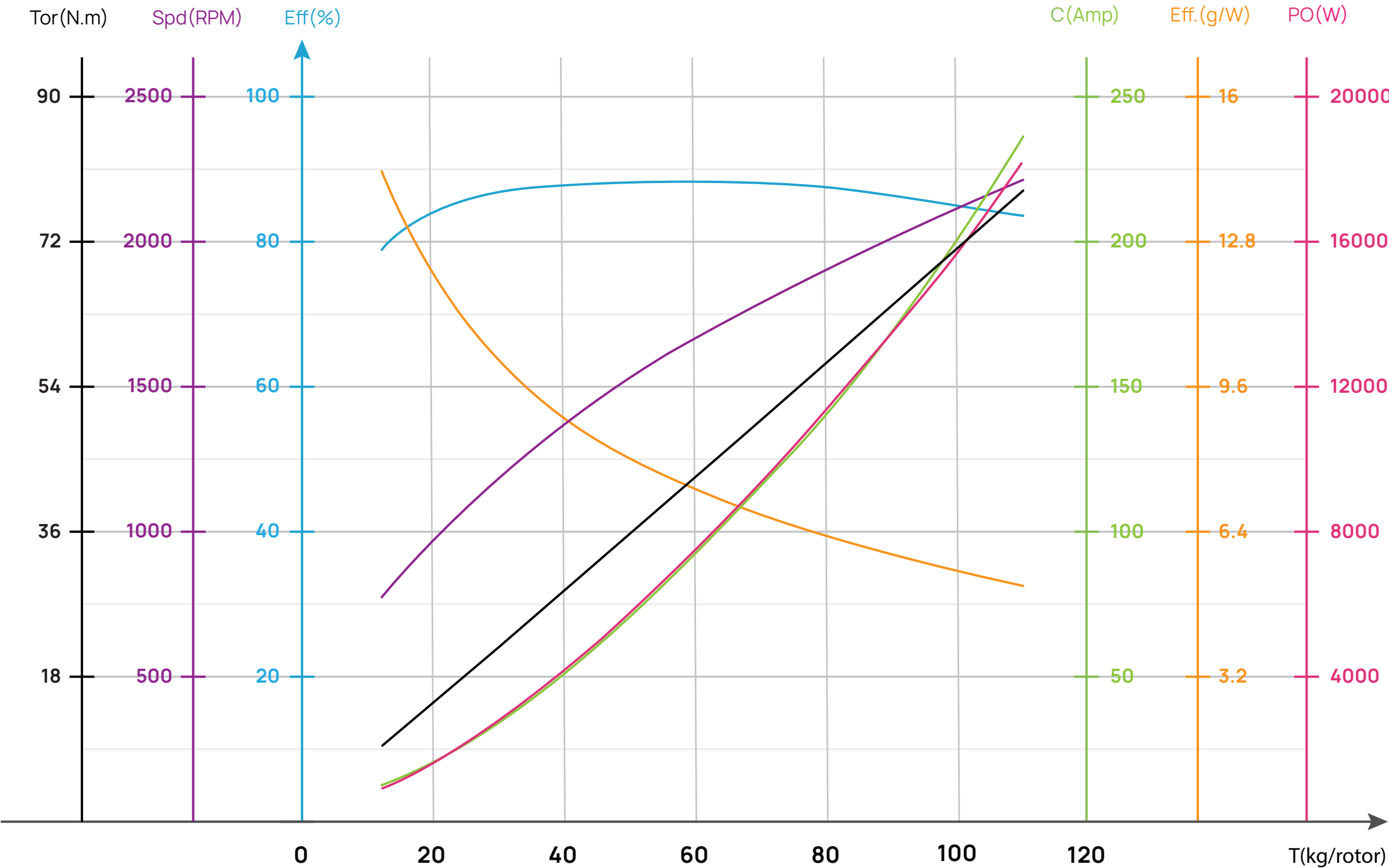
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
80V (24S LiPo)	72x25"	33%	6752	7.0	563.0	653	12.0	6.20	423.9	/
		38%	9369	10.4	834.4	763	11.2	8.46	675.9	
		42%	11617	14.0	1119.5	851	10.4	10.44	930.3	
		44%	12830	16.1	1289.3	896	10.0	11.53	1081.8	
		46%	14114	18.5	1479.9	942	9.5	12.68	1250.7	
		48%	15478	21.1	1692.9	989	9.1	13.91	1440.5	
		50%	16924	24.1	1929.9	1036	8.8	15.22	1651.1	
		52%	18458	27.4	2191.8	1084	8.4	16.60	1884.2	
		54%	20079	31.0	2479.3	1133	8.1	18.07	2143.8	
		56%	21789	34.9	2794.0	1181	7.8	19.62	2426.3	
		58%	23587	39.2	3135.1	1229	7.5	21.24	2733.4	
		60%	25470	43.8	3504.3	1277	7.3	22.93	3066.1	
		62%	27435	48.7	3902.3	1325	7.0	24.70	3427.0	
		64%	29480	54.1	4330.7	1373	6.8	26.53	3814.2	
		66%	31601	59.8	4789.6	1420	6.6	28.42	4225.8	
		68%	33794	66.0	5281.3	1467	6.4	30.38	4666.7	
		70%	36054	72.5	5809.0	1514	6.2	32.40	5136.5	
		72%	38379	79.6	6373.6	1561	6.0	34.48	5635.9	
		76%	43209	95.2	7626.0	1658	5.7	38.81	6737.9	
		80%	48263	113.1	9059.8	1759	5.3	43.39	7991.9	
		85%	54896	138.7	11110.1	1889	4.9	49.40	9771.4	
		100%	65609	181.8	14560.4	2069	4.5	58.60	12695.6	

H15 Plus 31KV & 72x25" (共轴/Coaxial Load)



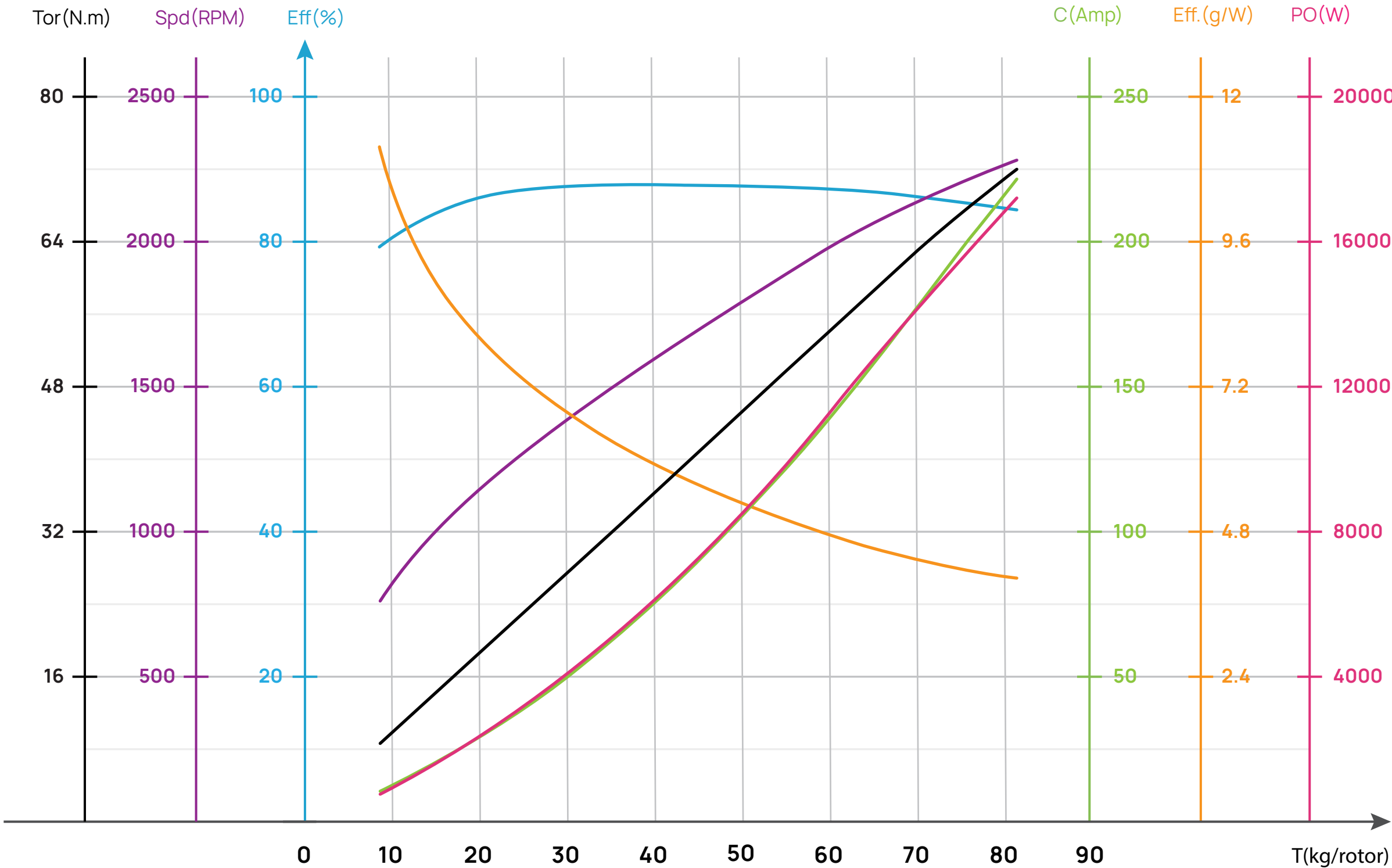
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Efficiency 效率(%)	Efficiency 力效(g/W)	Power Output 输出功率(W)	Temperature 电机温度(℃)
80V (24S LiPo)	72x25"	33%	15737	14.0	1117.1	76.48	14.1	854.4	/
		38%	21449	21.0	1680.1	80.34	12.8	1349.8	
		42%	26914	28.5	2281.5	82.75	11.8	1887.9	
		44%	29922	32.9	2636.2	83.76	11.4	2208.1	
		46%	33107	37.9	3031.8	84.63	10.9	2565.8	
		48%	36468	43.3	3469.1	85.37	10.5	2961.5	
		50%	40006	49.4	3952.7	85.99	10.1	3399.0	
		52%	43720	56.0	4486.1	86.50	9.7	3880.5	
		54%	47615	63.3	5070.7	86.92	9.4	4407.4	
		56%	51692	71.3	5711.3	87.27	9.1	4984.3	
		58%	55956	80.1	6410.4	87.56	8.7	5612.9	
		60%	60410	89.6	7171.2	87.81	8.4	6297.0	
		62%	65058	99.9	7997.6	88.01	8.1	7038.7	
		64%	69903	111.1	8892.9	88.19	7.9	7842.6	
		66%	74947	123.1	9859.4	88.35	7.6	8710.8	
		68%	80190	136.1	10900.5	88.48	7.4	9644.8	
		70%	85633	150.1	12020.0	88.58	7.1	10647.3	
		72%	91271	165.1	13219.6	88.66	6.9	11720.5	
		76%	103115	198.1	15864.6	88.71	6.5	14073.5	
		80%	115652	235.4	18849.2	88.54	6.1	16689.1	
		85%	132106	288.0	23066.7	87.97	5.7	20291.8	
		100%	157585	380.0	30432.6	86.95	5.2	26461.1	

H15 Plus 31KV & 72x25" (上轴/Upper Rotor)



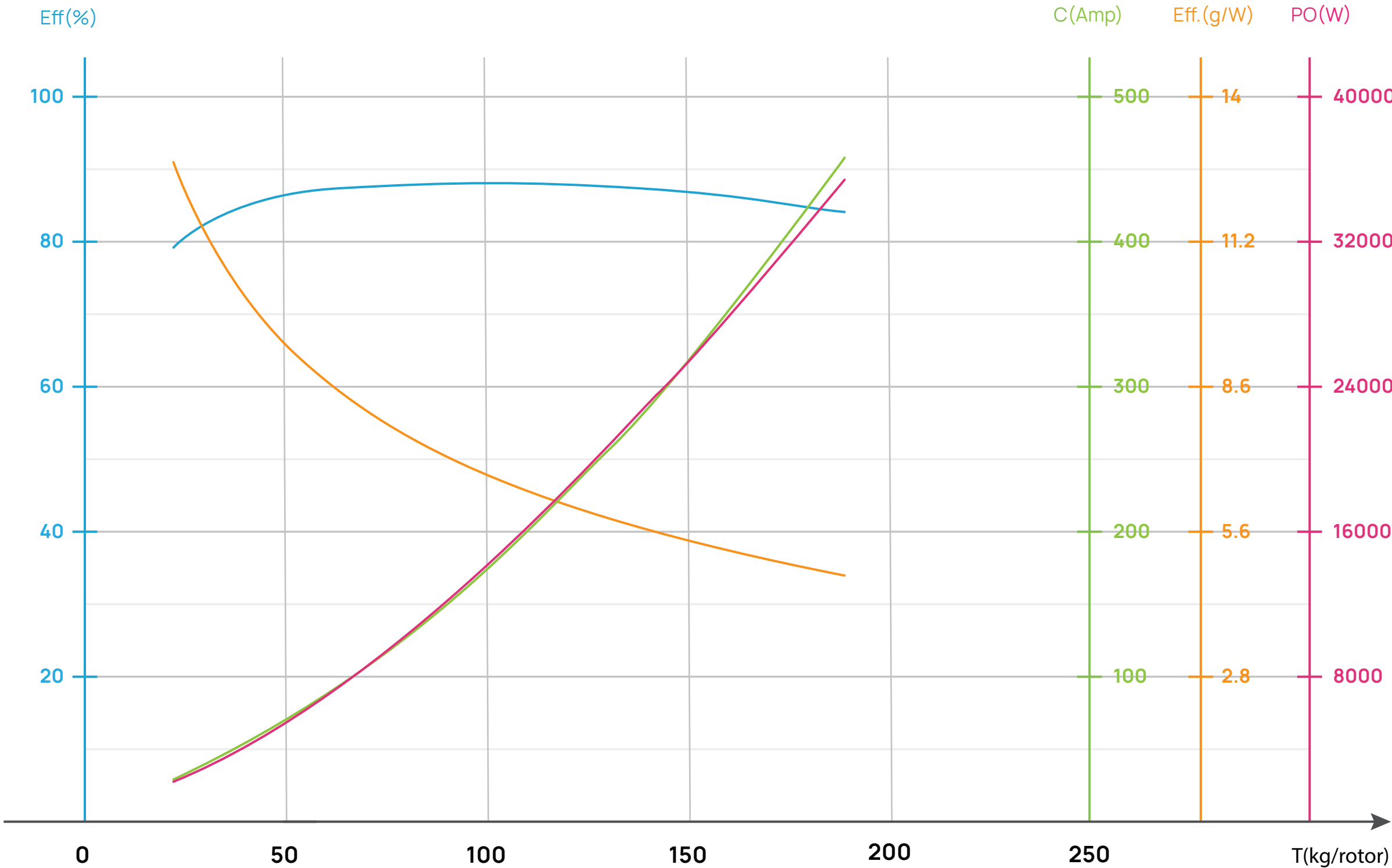
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	72x25"	33%	11687	8.8	813.9	751	14.4	8.15	640.9	/
		38%	16109	13.5	1244.8	870	12.9	11.26	1025.8	
		42%	20356	18.6	1716.2	974	11.9	14.23	1451.3	
		44%	22658	21.7	1994.2	1027	11.4	15.83	1702.3	
		46%	25067	25.0	2301.8	1080	10.9	17.51	1980.2	
		48%	27581	28.7	2638.7	1133	10.5	19.26	2285.0	
		50%	30199	32.7	3008.5	1185	10.0	21.09	2616.9	
		52%	32928	37.1	3412.7	1237	9.6	23.00	2979.2	
		54%	35775	41.9	3853.6	1290	9.3	25.00	3377.0	
		56%	38749	47.1	4335.1	1342	8.9	27.10	3808.2	
		58%	41859	52.8	4860.8	1394	8.6	29.30	4276.9	
		60%	45115	59.0	5433.4	1446	8.3	31.62	4787.7	
		62%	48525	65.8	6057.5	1499	8.0	34.06	5346.2	
		64%	52096	73.2	6736.0	1552	7.7	36.62	5951.2	
		66%	55831	81.2	7473.4	1605	7.5	39.31	6606.5	
		68%	59728	89.8	8270.7	1658	7.2	42.12	7312.6	
		70%	63783	99.2	9131.4	1711	7.0	45.04	8069.5	
		72%	67985	109.2	10055.7	1763	6.8	48.07	8874.1	
		76%	76746	131.4	12096.7	1867	6.3	54.35	10625.3	
		80%	85772	156.2	14375.2	1965	6.0	60.77	12504.0	
		85%	96816	189.6	17457.3	2079	5.5	68.60	14934.0	
		100%	110292	237.0	21816.4	2219	5.1	78.41	18219.0	

H15 Plus 31KV & 72x25" (下轴/Lower Rotor)



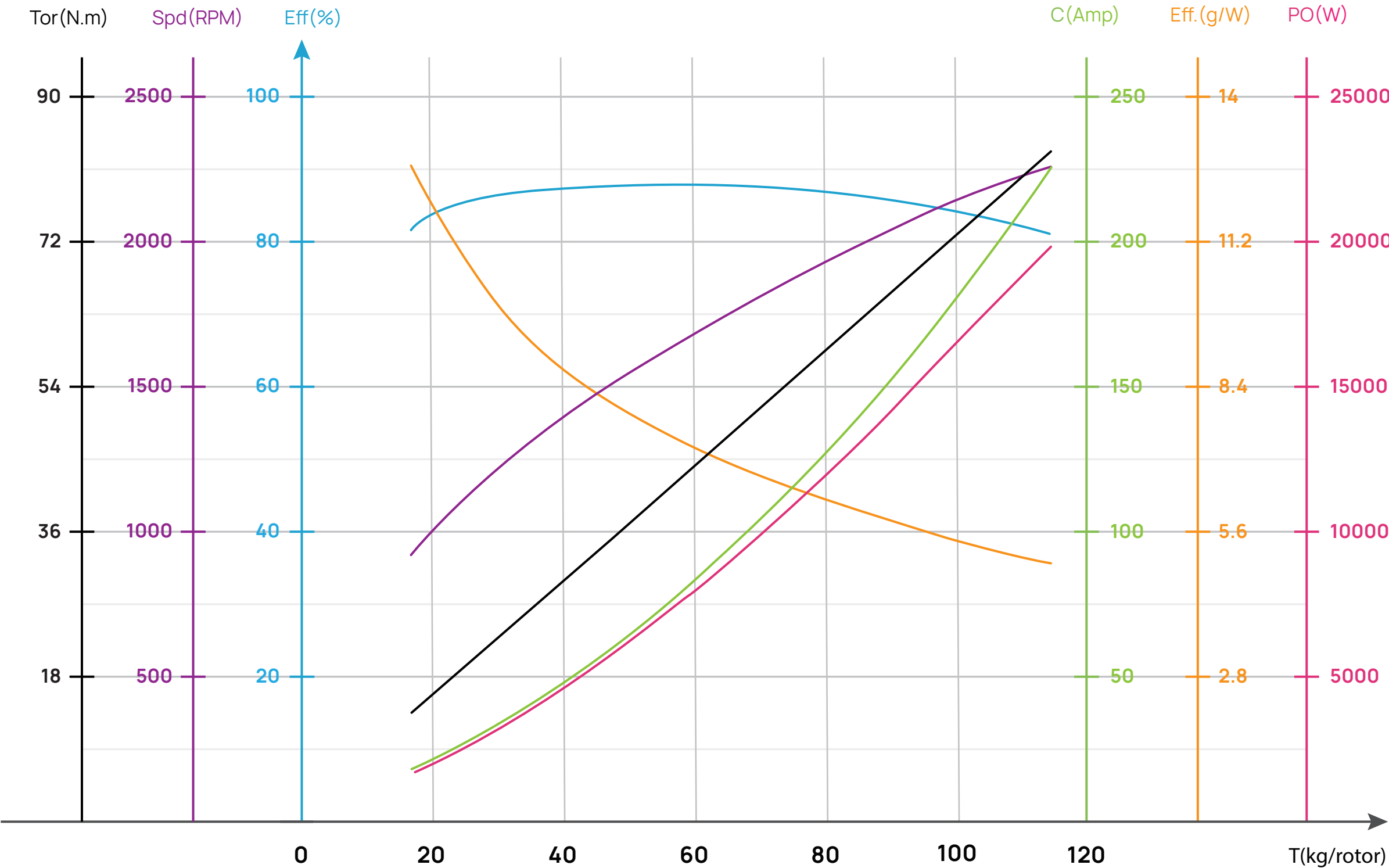
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	72x25"	33%	9047	8.8	810.2	749	11.2	8.19	642.3	/
		38%	11966	13.2	1211.6	871	9.9	10.85	989.6	
		42%	14827	17.8	1638.8	975	9.0	13.44	1372.1	
		44%	16441	20.6	1893.9	1028	8.7	14.89	1602.8	
		46%	18176	23.7	2179.3	1081	8.3	16.44	1860.9	
		48%	20031	27.1	2496.9	1134	8.0	18.09	2148.1	
		50%	22000	30.9	2848.3	1187	7.7	19.84	2466.0	
		52%	24078	35.2	3236.8	1240	7.4	21.68	2815.0	
		54%	26259	39.8	3662.1	1292	7.2	23.61	3194.1	
		56%	28536	44.8	4126.1	1345	6.9	25.63	3609.7	
		58%	30901	50.3	4629.7	1397	6.7	27.73	4056.4	
		60%	33346	56.2	5175.6	1450	6.4	29.90	4539.8	
		62%	35864	62.6	5764.8	1503	6.2	32.14	5058.3	
		64%	38447	69.5	6397.2	1557	6.0	34.46	5618.2	
		66%	41088	76.9	7074.8	1612	5.8	36.84	6218.4	
		68%	43783	84.7	7798.4	1667	5.6	39.27	6854.8	
		70%	46526	93.1	8568.9	1722	5.4	41.77	7531.7	
		72%	49313	102.0	9385.5	1777	5.3	44.31	8244.9	
		76%	55018	121.3	11164.1	1888	4.9	49.54	9793.9	
		80%	60909	142.7	13134.2	1994	4.6	54.93	11469.2	
		85%	68617	172.3	15862.9	2118	4.3	61.82	13710.4	
		100%	81368	221.7	20409.7	2284	4.0	72.03	17226.9	

H15 Plus 31KV & 72x25" (共轴/Coaxial Load)



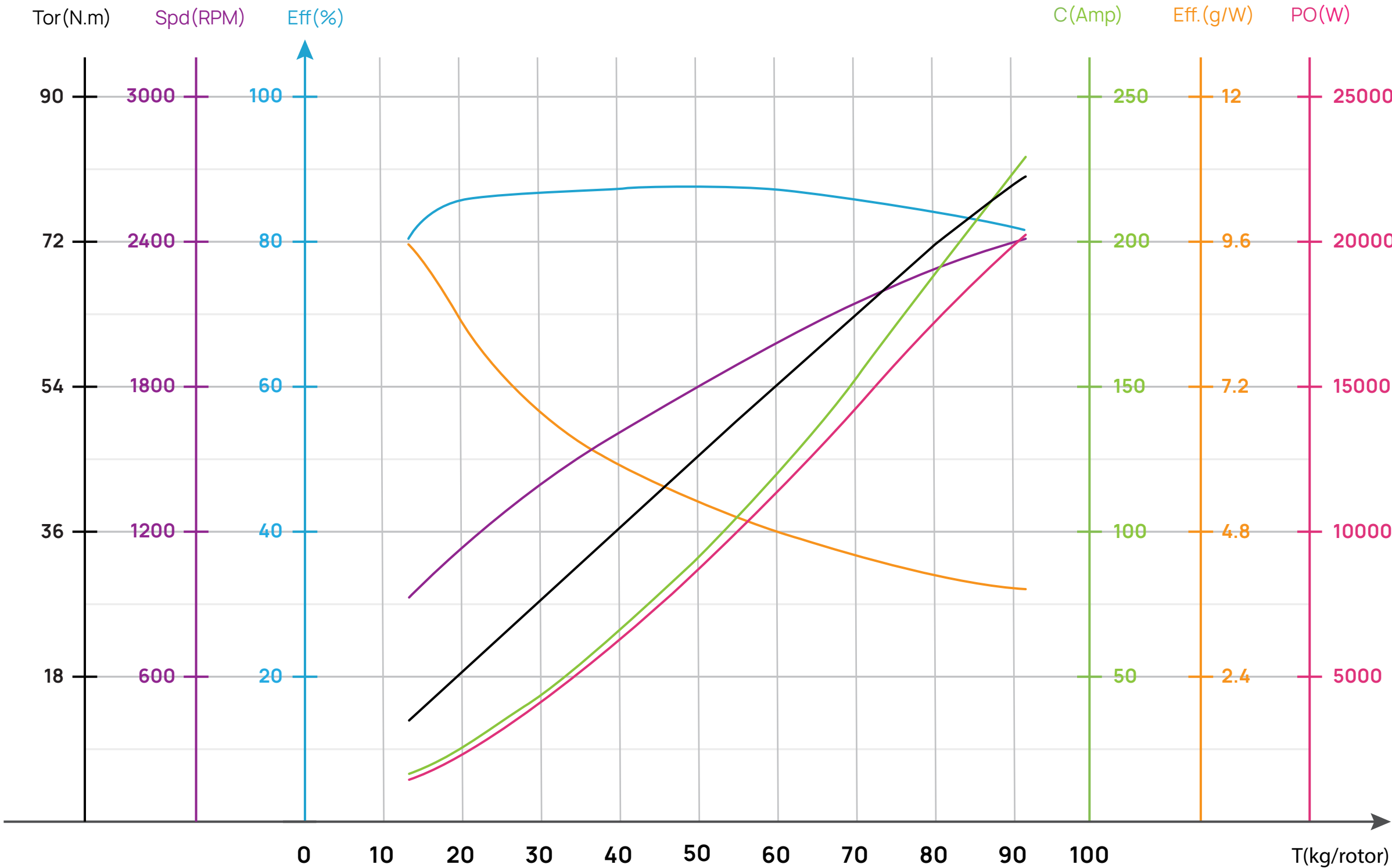
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Efficiency 效率 (%)	Efficiency 力效 (g/W)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	72x25"	33%	20734	17.6	1624.1	79.02	12.8	1283.4	/
		38%	28075	26.7	2456.4	82.07	11.4	2016.0	
		42%	35182	36.4	3355.0	84.16	10.5	2823.6	
		44%	39099	42.2	3888.1	85.01	10.1	3305.3	
		46%	43244	48.7	4481.0	85.72	9.7	3841.2	
		48%	47611	55.8	5135.7	86.31	9.3	4432.6	
		50%	52199	63.6	5856.9	86.78	8.9	5082.6	
		52%	57007	72.2	6649.5	87.16	8.6	5795.7	
		54%	62035	81.6	7515.8	87.44	8.3	6571.8	
		56%	67285	91.9	8461.2	87.66	8.0	7417.1	
		58%	72760	103.1	9490.5	87.82	7.7	8334.5	
		60%	78461	115.2	10609.0	87.94	7.4	9329.5	
		62%	84389	128.4	11822.3	88.04	7.1	10408.4	
		64%	90543	142.7	13133.3	88.10	6.9	11570.4	
		66%	96919	158.0	14548.2	88.14	6.7	12822.8	
		68%	103511	174.6	16069.1	88.16	6.4	14166.5	
		70%	110309	192.3	17699.5	88.14	6.2	15600.3	
		72%	117298	211.2	19442.2	88.07	6.0	17122.7	
		76%	131764	252.7	23260.8	87.77	5.7	20416.0	
		80%	146682	298.8	27508.4	87.16	5.3	23976.4	
		85%	165433	361.9	33320.2	85.99	5.0	28652.0	
		100%	191660	458.7	42226.1	83.95	4.5	35448.8	

H15 Plus 31KV & 72x25" (上轴/Upper Rotor)



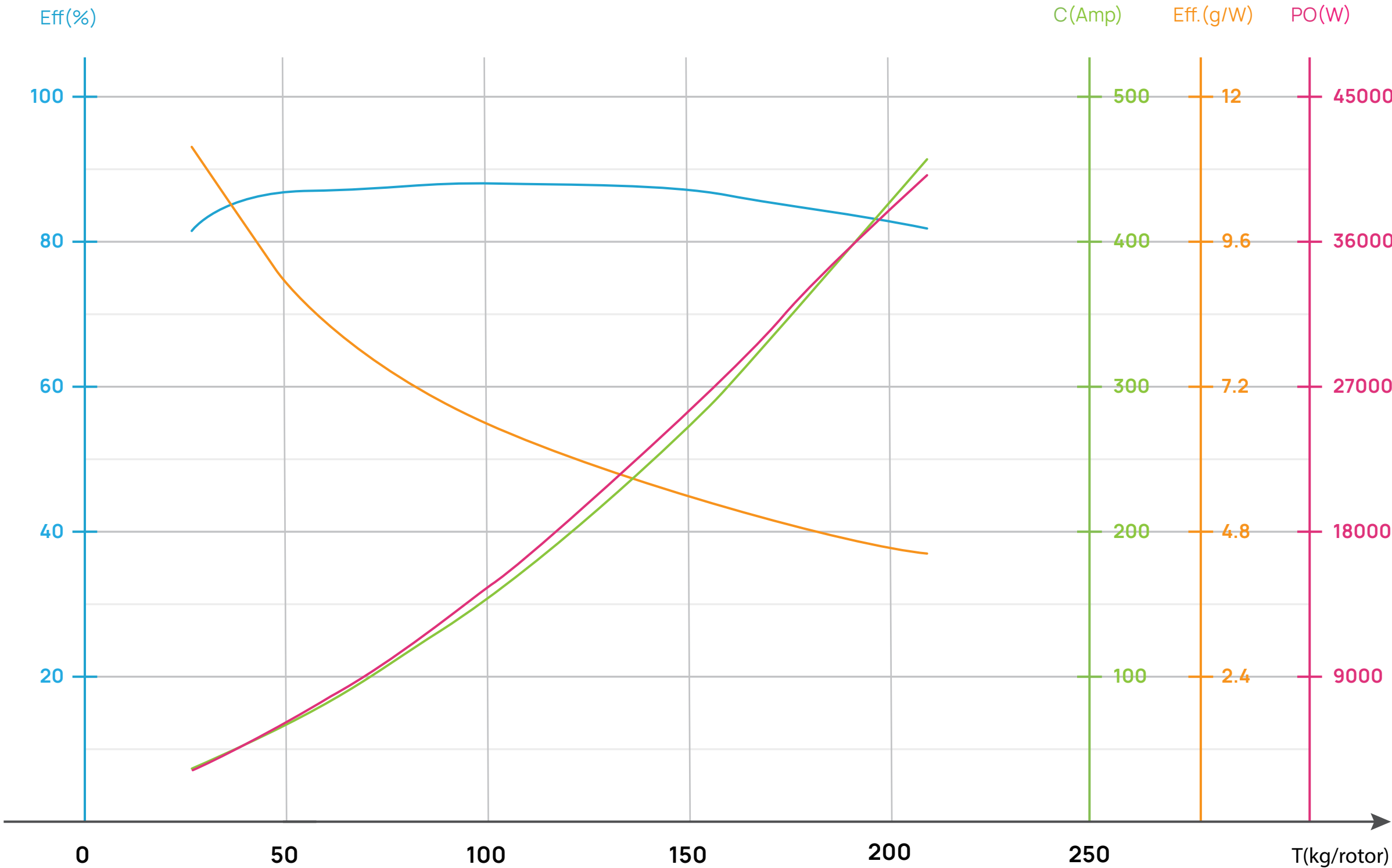
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机温度(℃)
108V (28S LiPo)	72x25"	33%	16848	12.3	1324.9	887	12.7	11.65	1082.0	/
		38%	22846	18.7	2015.5	1032	11.3	15.88	1716.0	
		42%	28345	25.5	2756.9	1150	10.3	19.77	2380.7	
		44%	31336	29.6	3195.6	1210	9.8	21.90	2774.8	
		46%	34497	34.1	3684.1	1269	9.4	24.15	3209.0	
		48%	37834	39.1	4222.3	1329	9.0	26.52	3690.6	
		50%	41354	44.6	4815.6	1388	8.6	29.02	4217.8	
		52%	45063	50.6	5467.3	1448	8.2	31.66	4800.4	
		54%	48964	57.2	6180.5	1507	7.9	34.44	5434.7	
		56%	53057	64.4	6960.8	1566	7.6	37.36	6126.3	
		58%	57336	72.3	7811.3	1626	7.3	40.41	6880.3	
		60%	61793	80.9	8737.5	1685	7.1	43.60	7692.8	
		62%	66412	90.2	9745.8	1745	6.8	46.92	8573.3	
		64%	71169	100.3	10837.3	1804	6.6	50.36	9513.0	
		66%	76035	111.2	12014.1	1863	6.3	53.88	10510.8	
		68%	80969	122.8	13275.3	1921	6.1	57.48	11562.2	
		70%	85921	135.2	14611.1	1978	5.9	61.11	12657.1	
		72%	90832	148.1	16006.2	2033	5.7	64.71	13775.4	
		74%	95629	161.4	17437.1	2084	5.5	68.23	14889.1	
		76%	100227	174.6	18866.9	2130	5.3	71.60	15969.4	
		80%	108417	199.3	21538.4	2205	5.0	77.51	17896.3	
		100%	117056	226.4	24470.3	2269	4.8	83.50	19838.9	

H15 Plus 31KV & 72x25" (下轴/Lower Rotor)



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 电机温度 (°C)
108V (28S LiPo)	72x25"	33%	12408	12.0	1300.1	893	9.5	11.17	1044.5	/
		38%	16352	17.2	1853.4	1020	8.8	14.71	1571.1	
		42%	20751	24.1	2608.8	1149	8.0	18.68	2247.5	
		44%	23144	28.4	3067.0	1214	7.5	20.85	2650.5	
		46%	25606	33.0	3567.4	1278	7.2	23.09	3089.9	
		48%	28115	38.0	4102.3	1340	6.9	25.36	3558.4	
		50%	30663	43.2	4668.6	1400	6.6	27.67	4056.3	
		52%	33252	48.7	5267.3	1459	6.3	30.02	4586.3	
		54%	35897	54.6	5899.5	1516	6.1	32.40	5143.3	
		56%	38616	60.8	6572.8	1574	5.9	34.85	5743.9	
		58%	41433	67.5	7294.7	1631	5.7	37.39	6385.7	
		60%	44372	74.7	8075.0	1689	5.5	40.02	7077.9	
		62%	47456	82.6	8926.6	1748	5.3	42.79	7832.1	
		64%	50704	91.3	9862.5	1809	5.1	45.69	8654.8	
		66%	54127	100.8	10895.6	1871	5.0	48.75	9550.9	
		68%	57728	111.4	12036.8	1935	4.8	51.97	10530.0	
		70%	61497	123.0	13293.7	2000	4.6	55.32	11585.3	
		72%	65408	135.7	14665.1	2065	4.5	58.78	12710.0	
		74%	69419	149.3	16139.2	2129	4.3	62.30	13888.7	
		76%	73468	163.7	17686.7	2191	4.2	65.81	15098.4	
		80%	81308	192.3	20778.6	2298	3.9	72.34	17407.0	
		100%	91991	229.5	24801.0	2408	3.7	80.21	20224.7	

H15 Plus 31KV & 72x25" (共轴/Coaxial Load)



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)	Efficiency 效率(%)	Efficiency 力效(g/W)	Power Output 输出功率(W)	Temperature 电机温度(℃)
108V (28S LiPo)	72x25"	33%	29256	24.3	2625.0	81.02	11.1	2126.8	/
		38%	39198	35.8	3868.9	84.94	10.1	3286.2	
		42%	49096	49.7	5365.7	86.28	9.2	4629.5	
		44%	54480	58.0	6262.7	86.62	8.7	5424.7	
		46%	60103	67.1	7250.4	86.87	8.3	6298.4	
		48%	65949	77.0	8324.6	87.08	7.9	7249.1	
		50%	72017	87.8	9484.2	87.26	7.6	8275.9	
		52%	78316	99.3	10734.6	87.43	7.3	9385.3	
		54%	84861	111.8	12080.1	87.59	7.0	10580.9	
		56%	91673	125.2	13532.5	87.72	6.8	11870.7	
		58%	98769	139.8	15104.9	87.82	6.5	13265.2	
		60%	106165	155.6	16813.5	87.87	6.3	14774.0	
		62%	113868	172.8	18672.3	87.86	6.1	16405.5	
		64%	121873	191.5	20699.7	87.77	5.9	18168.2	
		66%	130162	212.0	22910.8	87.59	5.7	20067.6	
		68%	138697	234.2	25312.2	87.29	5.5	22095.0	
		70%	147418	258.2	27904.8	86.88	5.3	24243.7	
		72%	156240	283.8	30672.4	86.35	5.1	26485.6	
		74%	165048	310.7	33576.3	85.72	4.9	28781.6	
		76%	173695	338.2	36553.6	85.00	4.8	31070.6	
		80%	189726	391.6	42317.0	83.44	4.5	35309.3	
		100%	209047	455.9	49271.3	81.32	4.2	40067.4	