



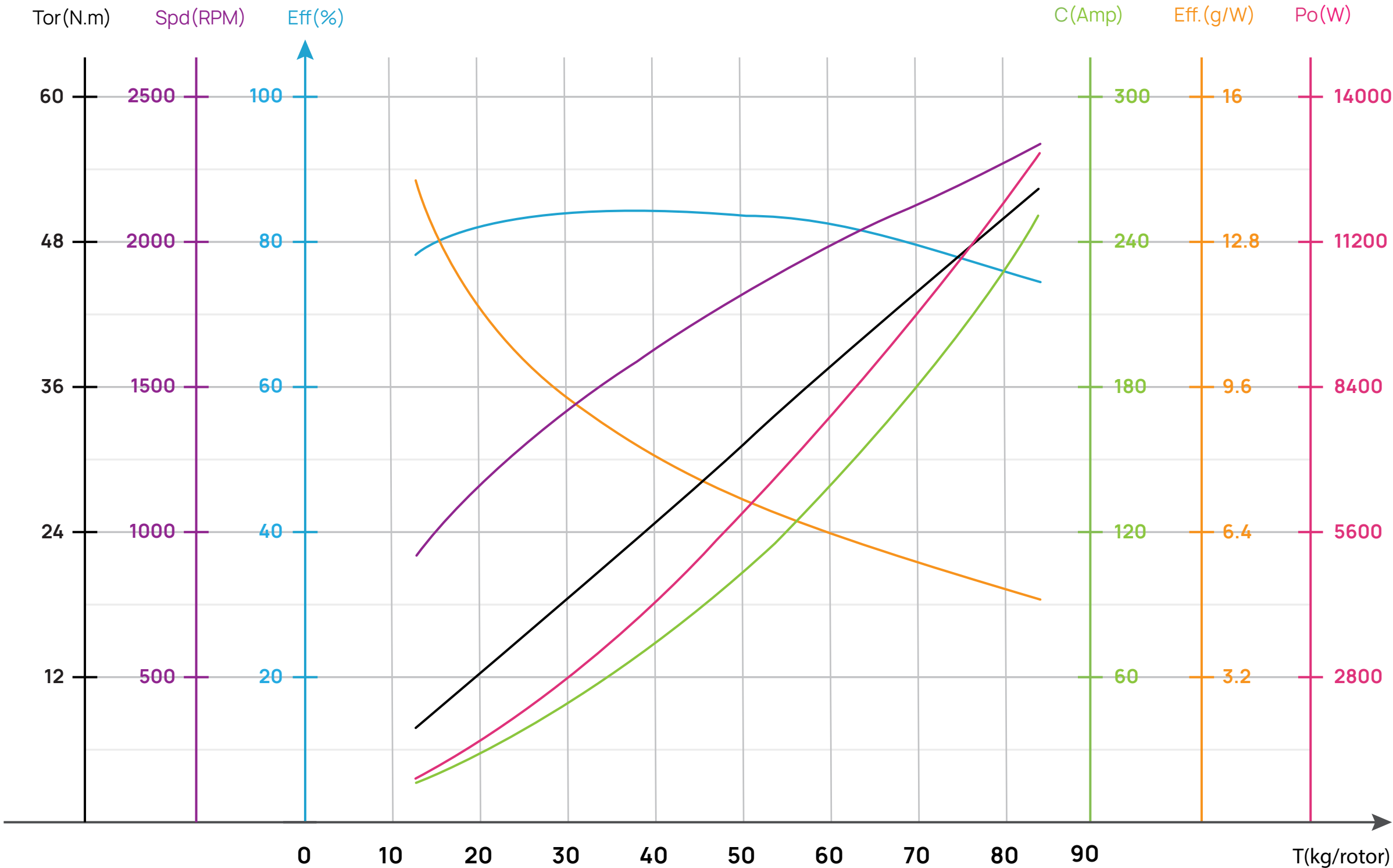
LOAD PERFORMANCE PARAMETERS

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，仅供参考。

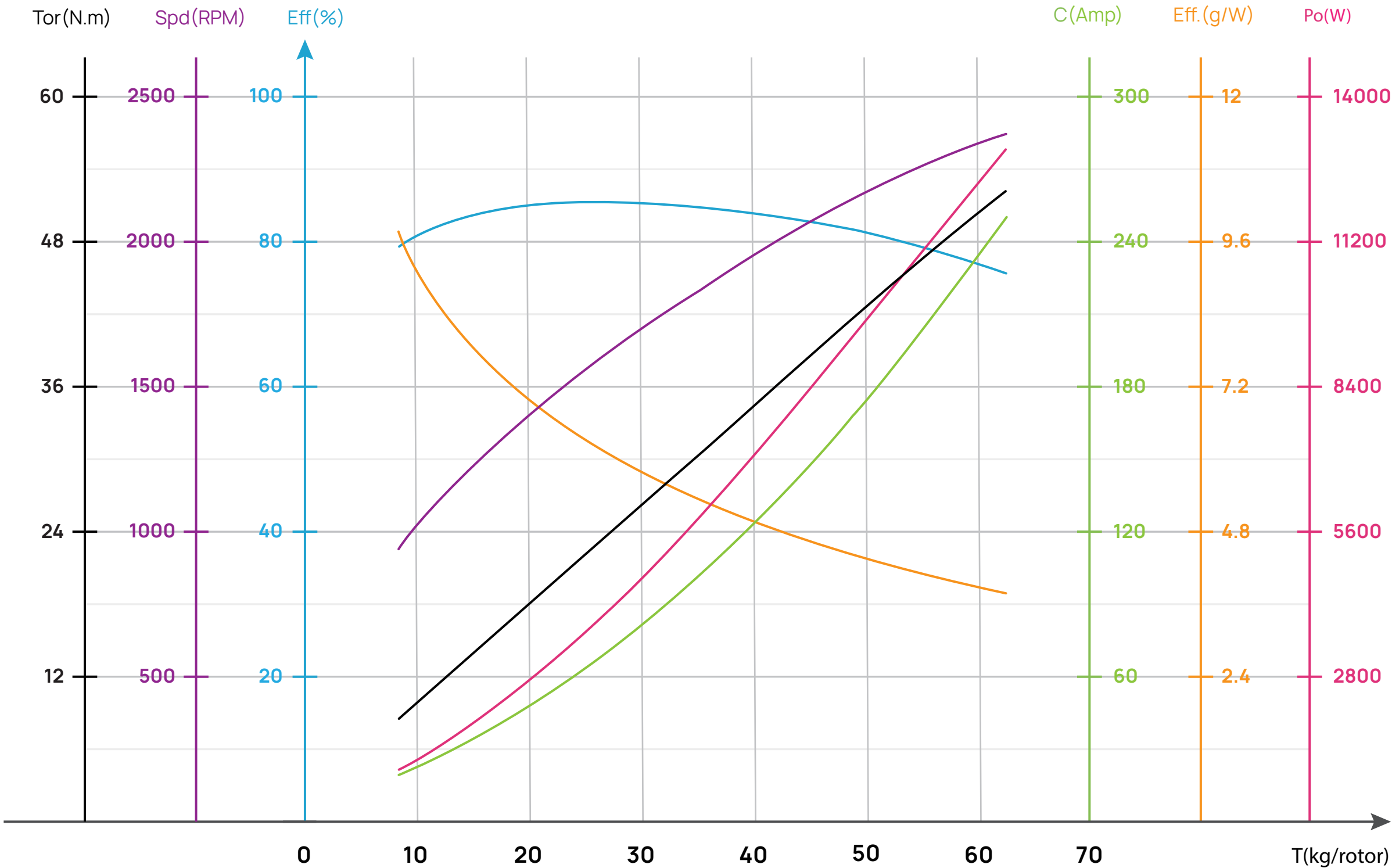
The below data was measured by HOBBYWING Laboratory at room temperature 25°C, at sea level,
with varying throttle input, for reference only.

H15MD-69V & MSC 64x23 (上轴/Upper Rotor)



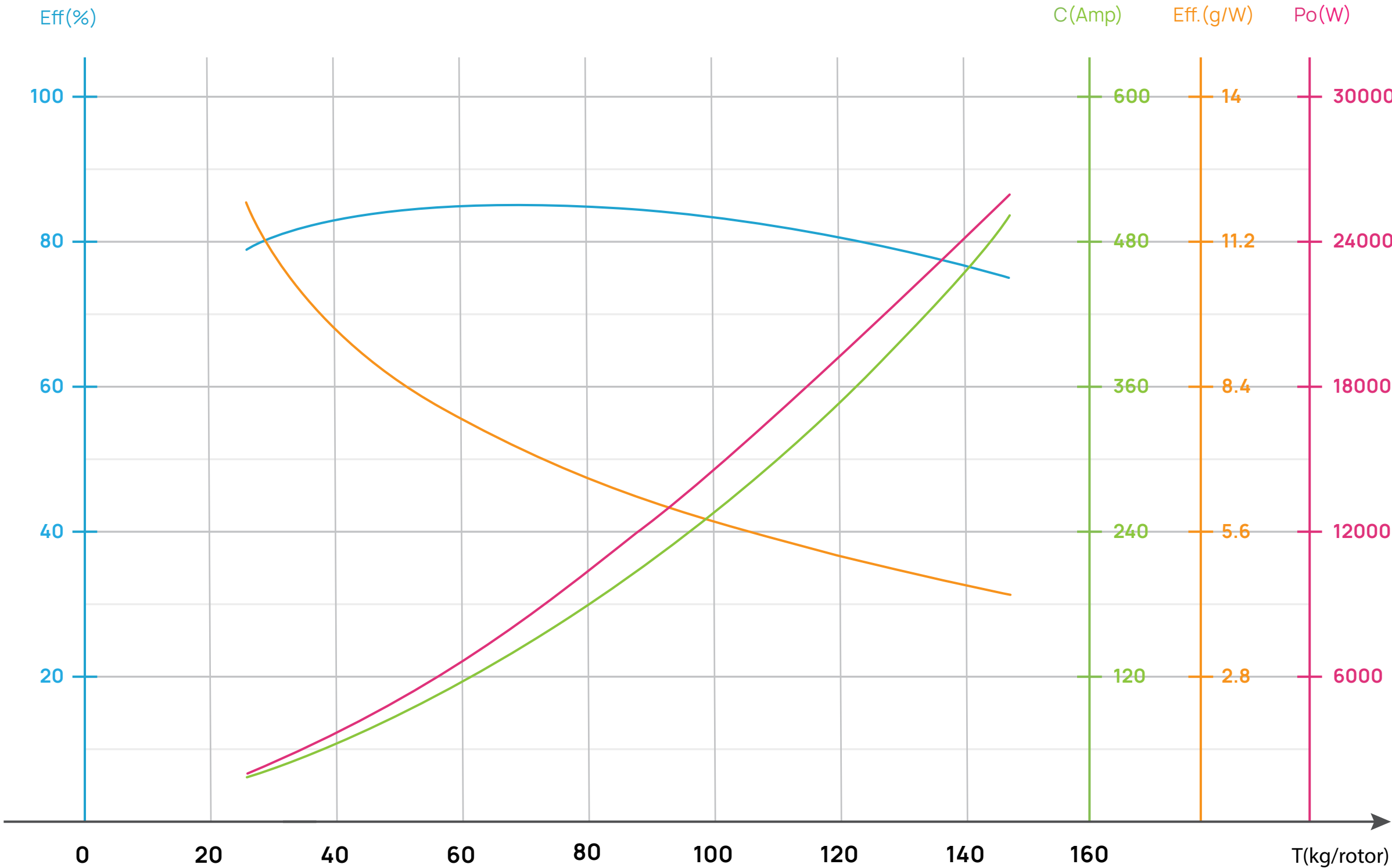
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
69V (18S LiPo)	MSC 64x23	35%	14854	16.6	1143.4	995	13.0	8.80	917.2	/
		37%	16711	19.7	1360.4	1057	12.3	9.98	1105.1	
		39%	18722	23.3	1607.3	1121	11.6	11.25	1320.6	
		41%	20869	27.3	1884.9	1185	11.1	12.59	1562.5	
		43%	23140	31.8	2194.3	1248	10.5	14.01	1830.3	
		45%	25525	36.7	2536.8	1311	10.1	15.49	2126.4	
		47%	28017	42.2	2914.2	1373	9.6	17.05	2450.7	
		49%	30610	48.2	3328.3	1434	9.2	18.67	2804.2	
		51%	33303	54.8	3781.3	1495	8.8	20.38	3190.3	
		53%	36092	61.9	4275.1	1556	8.4	22.16	3610.6	
		55%	38975	69.7	4811.9	1616	8.1	24.02	4064.1	
		57%	41947	78.1	5393.8	1676	7.8	25.95	4553.8	
		59%	45003	87.2	6022.6	1735	7.5	27.95	5077.4	
		61%	48137	97.0	6699.6	1794	7.2	30.01	5636.8	
		63%	51336	107.5	7425.6	1852	6.9	32.11	6227.5	
		65%	54587	118.7	8200.9	1908	6.7	34.25	6842.9	
		67%	57870	130.7	9024.2	1962	6.4	36.40	7478.2	
		69%	61161	143.2	9893.0	2014	6.2	38.54	8127.3	
		71%	64429	156.4	10802.4	2064	6.0	40.64	8783.7	
		80%	77657	218.1	15065.8	2255	5.2	48.94	11555.7	
		85%	82462	244.8	16909.0	2330	4.9	51.92	12666.7	
		100%	83714	252.2	17422.0	2351	4.8	52.70	12973.5	

H15MD-69V & MSC 64x23 (下轴/Lower Rotor)



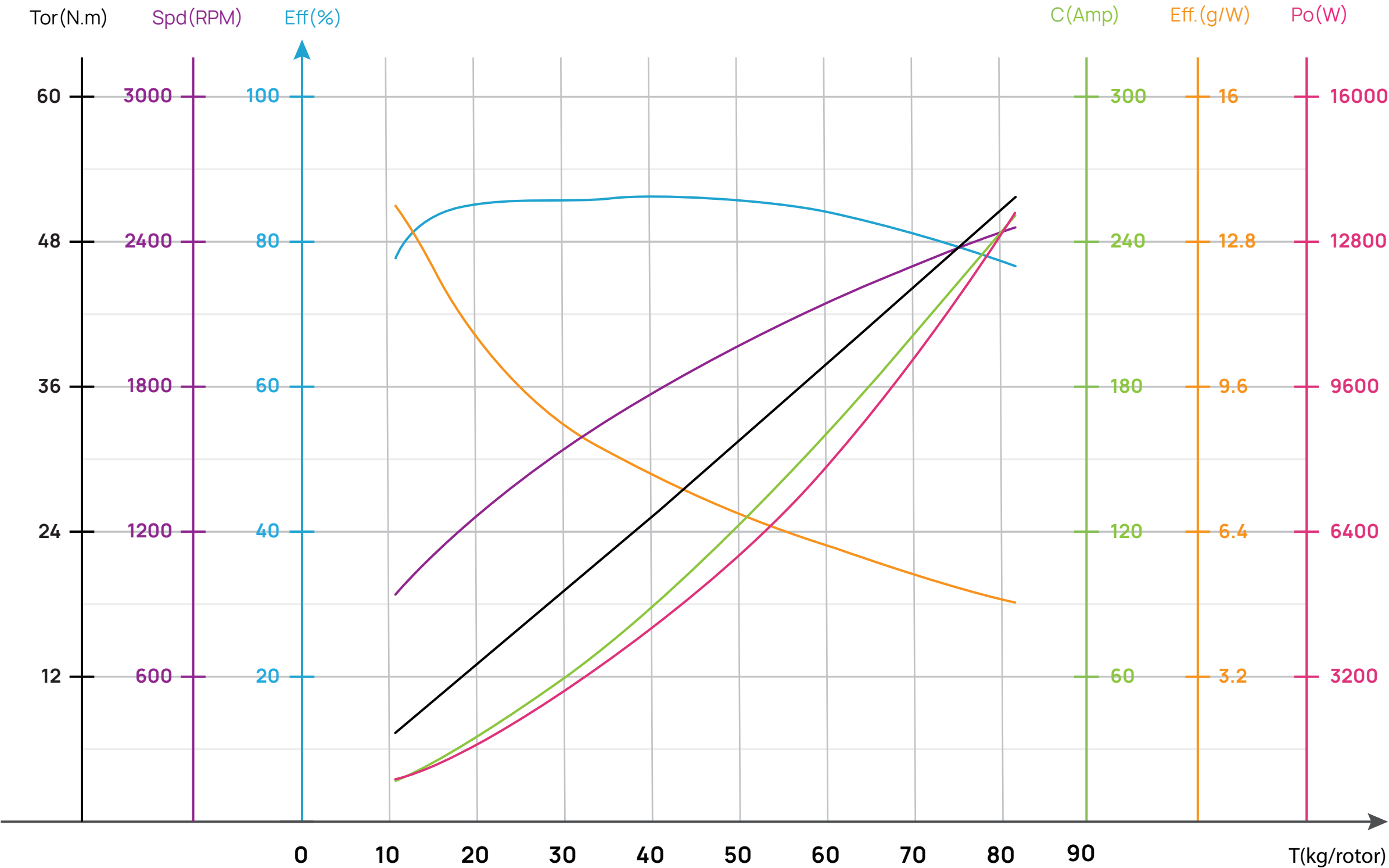
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
69V (18S LiPo)	MSC 64x23	35%	10337	16.6	1146.0	997	9.0	8.86	925.0	/
		37%	11694	19.7	1362.1	1060	8.6	10.03	1113.5	
		39%	13171	23.3	1607.8	1124	8.2	11.29	1328.8	
		41%	14749	27.3	1882.9	1188	7.8	12.62	1570.2	
		43%	16414	31.7	2187.7	1253	7.5	14.02	1839.5	
		45%	18157	36.5	2523.2	1316	7.2	15.48	2132.9	
		47%	19969	41.9	2890.3	1379	6.9	17.00	2454.0	
		49%	21846	47.7	3290.6	1441	6.6	18.57	2802.0	
		51%	23784	54.0	3726.1	1502	6.4	20.20	3177.5	
		53%	25783	60.8	4198.7	1563	6.1	21.90	3583.6	
		55%	27840	68.2	4710.8	1623	5.9	23.65	4019.0	
		57%	29956	76.2	5264.8	1684	5.7	25.46	4489.2	
		59%	32128	84.9	5862.8	1744	5.5	27.32	4989.8	
		61%	34354	94.2	6506.7	1804	5.3	29.24	5523.3	
		63%	36630	104.2	7197.8	1863	5.1	31.20	6085.9	
		65%	38951	114.9	7936.4	1923	4.9	33.19	6682.4	
		67%	41306	126.3	8721.6	1981	4.7	35.19	7300.3	
		69%	43686	138.3	9550.6	2038	4.6	37.20	7939.1	
		71%	46072	150.9	10418.7	2093	4.4	39.20	8590.2	
		80%	56238	210.2	14520.2	2293	3.9	47.42	11385.1	
		85%	60587	238.5	16471.7	2358	3.7	50.87	12560.7	
		100%	62282	249.9	17263.6	2379	3.6	52.23	13011.9	

H15MD-69V & MSC 64x23 (共轴/Coaxial Load)



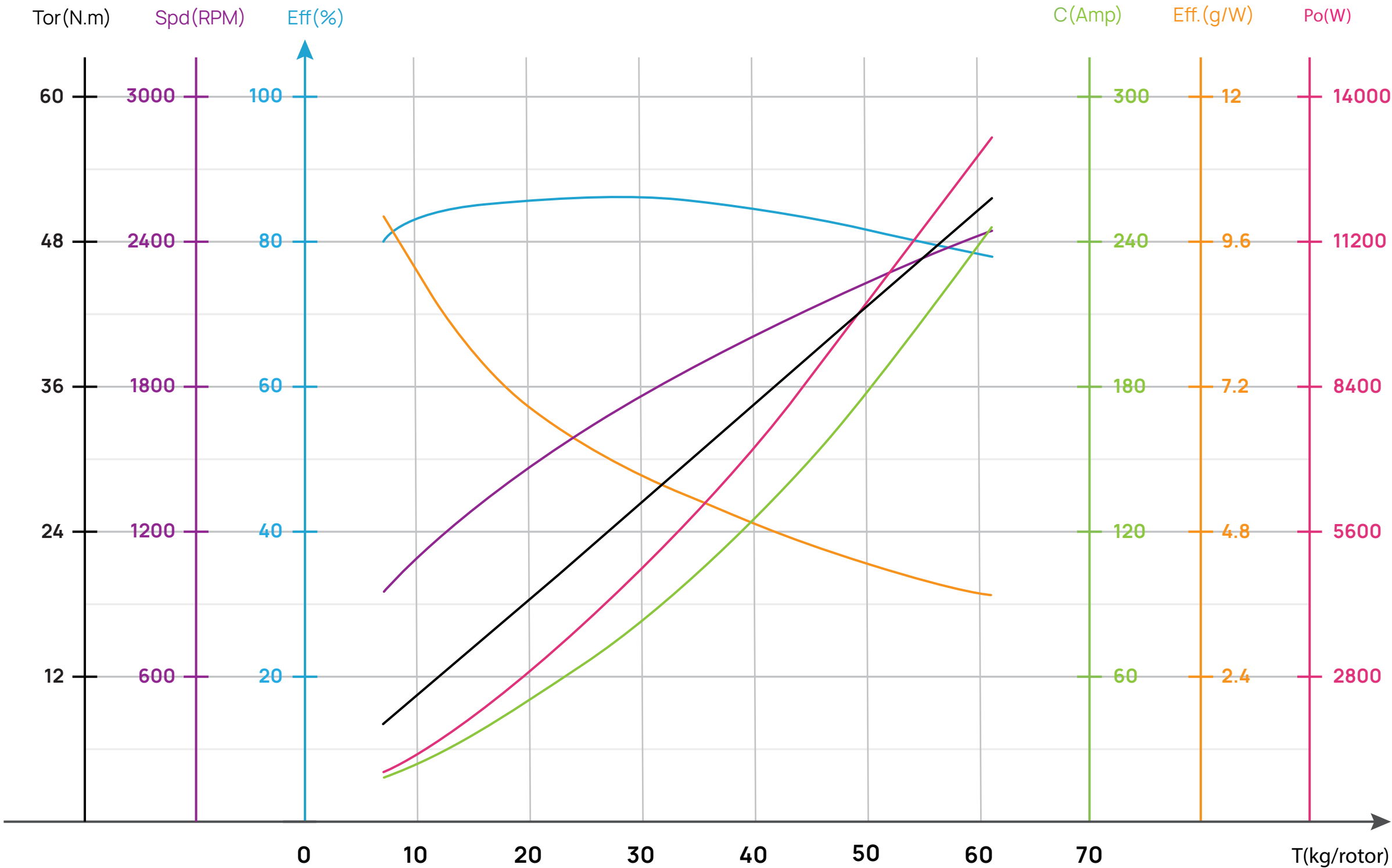
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Efficiency 效率(%)	Efficiency 力效(g/W)	Power Output 输出功率(W)	Temperature 电机温度(℃)
69V (18S LiPo)	MSC 64x23	35%	25191	33.2	2289.4	80.46	11.0	1842.1	/
		37%	28405	39.4	2722.5	81.49	10.4	2218.6	
		39%	31893	46.6	3215.1	82.40	9.9	2649.2	
		41%	35618	54.6	3767.8	83.16	9.5	3133.3	
		43%	39555	63.5	4382.0	83.75	9.0	3669.9	
		45%	43682	73.3	5060.0	84.20	8.6	4260.5	
		47%	47985	84.1	5804.5	84.51	8.3	4905.4	
		49%	52456	95.8	6619.0	84.73	7.9	5608.3	
		51%	57087	108.7	7507.3	84.86	7.6	6370.7	
		53%	61875	122.7	8473.8	84.91	7.3	7195.1	
		55%	66815	137.9	9522.8	84.91	7.0	8085.8	
		57%	71902	154.3	10658.6	84.85	6.7	9043.8	
		59%	77131	172.1	11885.3	84.72	6.5	10069.3	
		61%	82490	191.2	13206.2	84.51	6.2	11160.6	
		63%	87966	211.7	14623.4	84.21	6.0	12314.4	
		65%	93538	233.7	16137.3	83.81	5.8	13524.6	
		67%	99177	256.9	17745.8	83.29	5.6	14780.5	
		69%	104847	281.5	19443.6	82.64	5.4	16068.2	
		71%	110501	307.3	21221.1	81.87	5.2	17373.7	
		80%	133896	428.3	29586.1	77.54	4.5	22941.0	
		85%	143049	483.3	33380.6	75.58	4.3	25229.1	
		100%	145997	502.2	34685.5	74.93	4.2	25989.9	

H15MD-69V & MFC 63x24 (上轴/Upper Rotor)



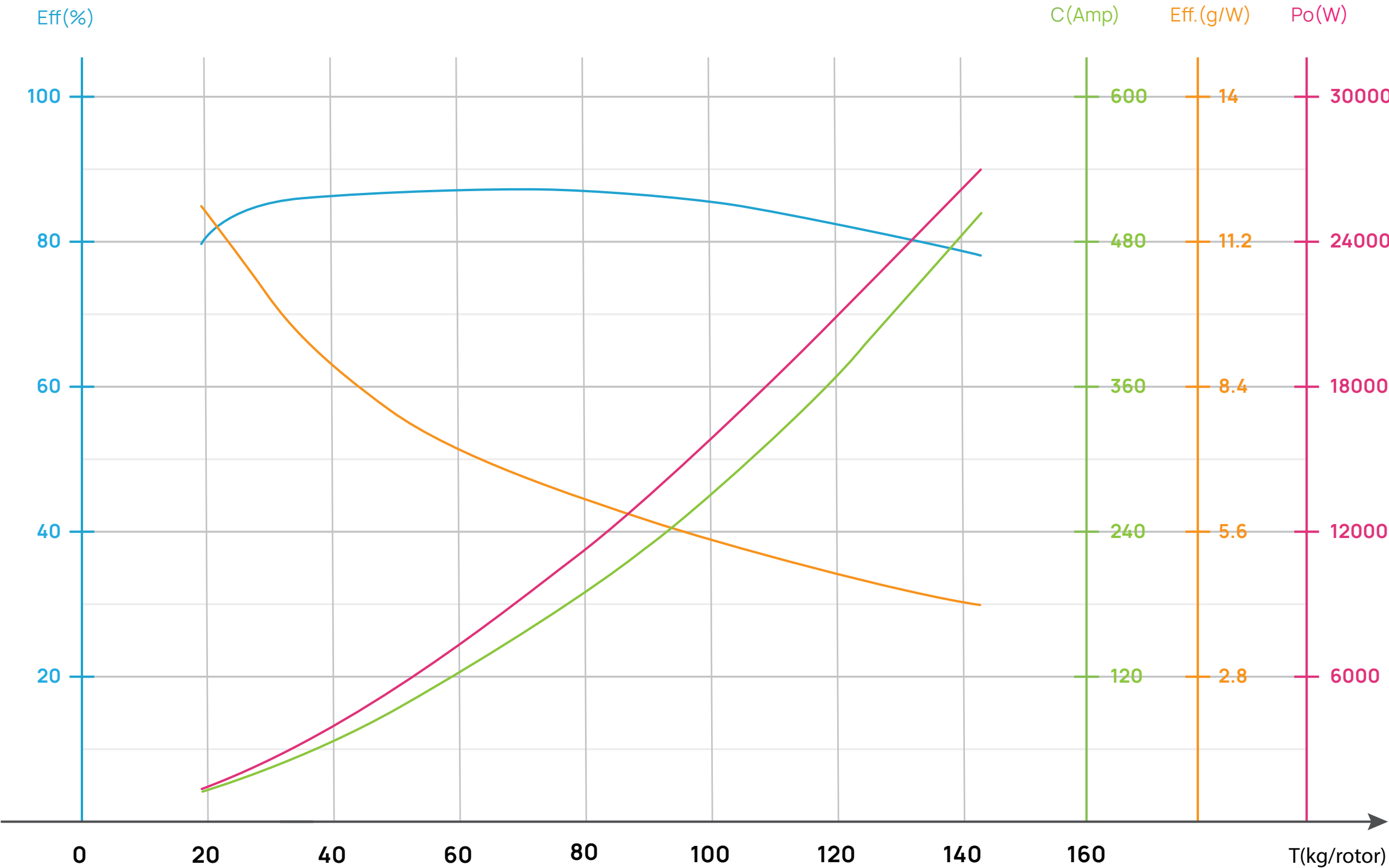
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
69V (18S LiPo)	MFC 63x24	33%	11285	12.1	837.2	937	13.5	6.80	667.2	/
		38%	15320	18.3	1264.9	1094	12.1	9.31	1066.5	
		40%	17144	21.6	1490.1	1158	11.5	10.45	1267.1	
		42%	19083	25.3	1747.7	1223	10.9	11.67	1494.5	
		44%	21137	29.5	2038.6	1288	10.4	12.97	1749.3	
		46%	23305	34.2	2361.8	1352	9.9	14.34	2030.1	
		48%	25586	39.4	2719.7	1416	9.4	15.78	2339.7	
		50%	27980	45.0	3110.7	1480	9.0	17.30	2681.0	
		52%	30485	51.2	3538.1	1544	8.6	18.89	3054.0	
		54%	33097	57.9	4000.3	1607	8.3	20.55	3458.0	
		56%	35814	65.1	4499.8	1670	8.0	22.28	3896.1	
		58%	38629	72.9	5038.7	1733	7.7	24.07	4367.9	
		60%	41535	81.4	5620.5	1795	7.4	25.93	4873.8	
		62%	44522	90.4	6246.4	1858	7.1	27.84	5416.4	
		64%	47578	100.2	6920.7	1919	6.9	29.81	5990.1	
		66%	50687	110.7	7646.2	1980	6.6	31.82	6597.2	
		68%	53831	121.9	8423.5	2040	6.4	33.86	7232.9	
		70%	56987	133.9	9253.2	2098	6.2	35.93	7893.3	
		72%	60129	146.6	10131.4	2153	5.9	38.00	8566.9	
		80%	71866	201.3	13905.1	2343	5.2	45.78	11231.7	
		87%	79308	241.4	16676.3	2446	4.8	50.64	12970.2	
		100%	81431	253.4	17506.7	2473	4.7	51.98	13460.4	

H15MD-69V & MFC 63x24 (下轴/Lower Rotor)



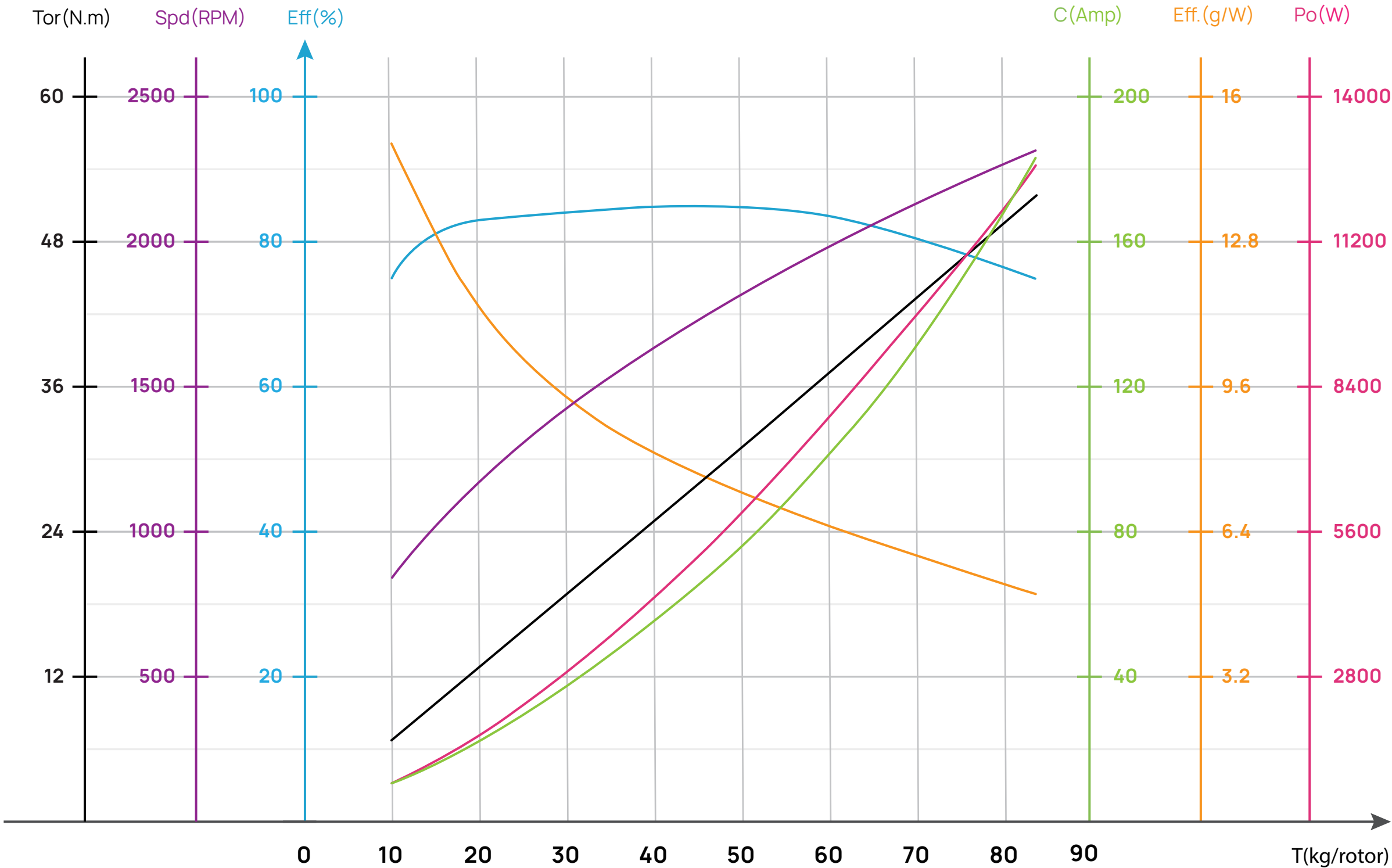
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (℃)
69V (18S LiPo)	MFC 63x24	33%	9043	13.3	916.7	944	9.9	7.54	745.3	/
		38%	12350	20.4	1406.5	1101	8.8	10.27	1184.0	
		40%	13789	23.9	1651.0	1164	8.4	11.47	1398.0	
		42%	15302	27.9	1925.3	1227	7.9	12.74	1636.9	
		44%	16892	32.3	2229.9	1291	7.6	14.09	1904.7	
		46%	18563	37.1	2565.6	1355	7.2	15.50	2199.2	
		48%	20316	42.5	2934.5	1418	6.9	16.98	2521.2	
		50%	22151	48.3	3336.6	1482	6.6	18.53	2875.5	
		52%	24067	54.6	3774.4	1545	6.4	20.14	3258.3	
		54%	26063	61.5	4249.0	1608	6.1	21.82	3674.0	
		56%	28133	68.9	4762.4	1670	5.9	23.57	4121.7	
		58%	30272	77.0	5317.9	1732	5.7	25.37	4601.1	
		60%	32473	85.7	5917.6	1793	5.5	27.22	5110.5	
		62%	34726	95.0	6564.2	1853	5.3	29.12	5650.2	
		64%	37020	105.1	7260.7	1913	5.1	31.07	6223.8	
		66%	39341	115.9	8006.8	1971	4.9	33.06	6823.2	
		68%	41673	127.4	8802.1	2029	4.7	35.07	7451.0	
		70%	43999	139.5	9640.8	2085	4.6	37.09	8097.7	
		72%	46297	152.2	10516.2	2139	4.4	39.09	8755.3	
		80%	54712	203.7	14070.9	2326	3.9	46.43	11308.5	
		87%	59863	237.5	16407.5	2428	3.6	50.70	12890.0	
		100%	61265	246.6	17040.4	2453	3.6	51.80	13305.3	

H15MD-69V & MFC 63x24 (共轴/Coaxial Load)



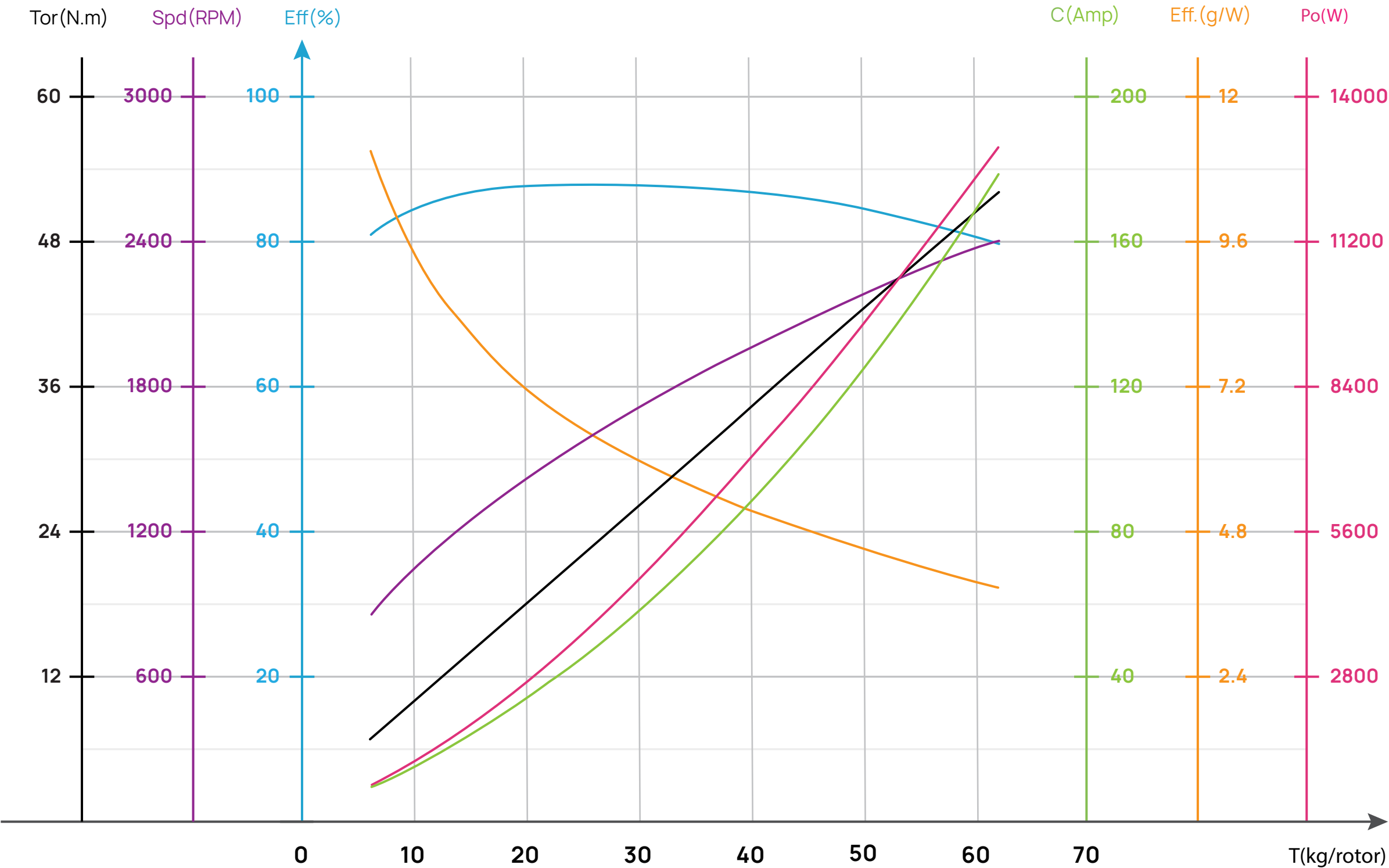
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Efficiency 效率(%)	Efficiency 力效(g/W)	Power Output 输出功率(W)	Temperature 电机温度(℃)
69V (18S LiPo)	MFC 63x24	33%	20328	25.4	1754.6	80.51	11.6	1412.7	/
		38%	27671	38.7	2672.0	84.21	10.4	2250.1	
		40%	30933	45.5	3141.8	84.86	9.8	2666.1	
		42%	34385	53.2	3673.0	85.28	9.4	3132.3	
		44%	38029	61.8	4268.5	85.58	8.9	3652.9	
		46%	41868	71.3	4928.2	85.81	8.5	4228.9	
		48%	45902	81.9	5654.2	86.01	8.1	4863.2	
		50%	50131	93.3	6447.9	86.18	7.8	5556.8	
		52%	54552	105.8	7312.5	86.34	7.5	6313.6	
		54%	59160	119.4	8249.3	86.48	7.2	7134.0	
		56%	63946	134.1	9262.2	86.57	6.9	8018.3	
		58%	68901	149.9	10356.6	86.60	6.7	8968.8	
		60%	74008	167.0	11537.3	86.55	6.4	9985.6	
		62%	79248	185.4	12810.7	86.40	6.2	11068.4	
		64%	84598	205.3	14181.4	86.14	6.0	12215.9	
		66%	90028	226.6	15653.0	85.75	5.8	13422.5	
		68%	95505	249.3	17225.5	85.25	5.5	14684.8	
		70%	100986	273.5	18894.0	84.63	5.3	15990.0	
		72%	106426	298.9	20647.5	83.92	5.2	17327.4	
		80%	126578	404.9	27975.9	80.58	4.5	22543.0	
		87%	139172	478.9	33083.7	78.17	4.2	25861.6	
		100%	142696	500.0	34547.1	77.48	4.1	26767.1	

H15MD-92V & MSC 64x23 (上轴/Upper Rotor)



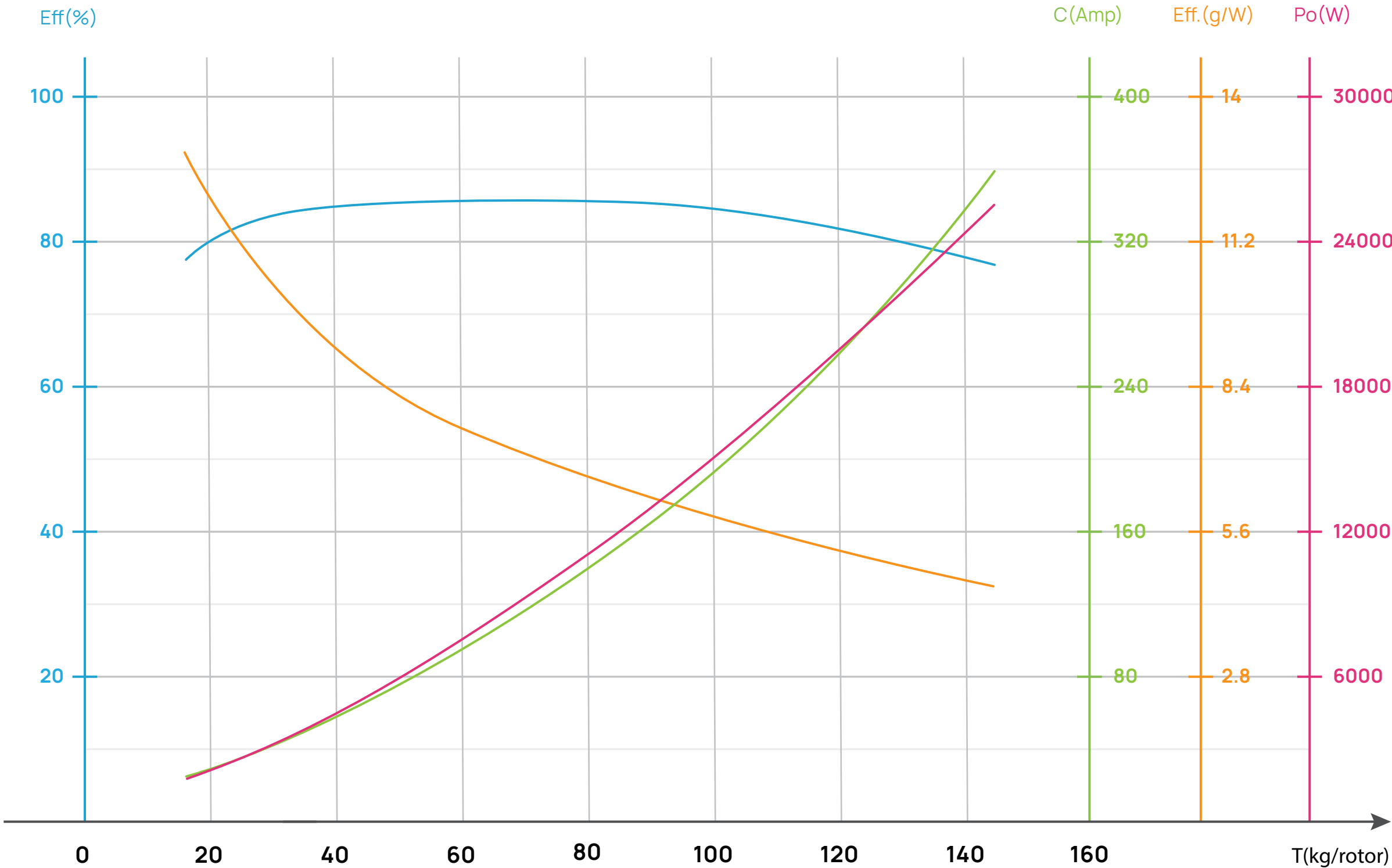
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	MSC 64x23	33%	10550	7.7	711.0	843	14.8	6.17	544.9	/
		38%	14387	11.8	1087.8	985	13.2	8.58	885.3	
		42%	18062	16.5	1515.2	1105	11.9	10.88	1258.5	
		44%	20082	19.3	1773.5	1166	11.3	12.14	1481.6	
		46%	22223	22.4	2063.4	1228	10.8	13.47	1732.1	
		48%	24490	25.9	2386.3	1289	10.3	14.89	2009.2	
		50%	26886	29.8	2744.2	1350	9.8	16.39	2316.4	
		52%	29417	34.1	3139.6	1412	9.4	17.98	2658.0	
		54%	32088	38.9	3575.1	1474	9.0	19.66	3034.9	
		56%	34902	44.1	4053.8	1537	8.6	21.45	3451.8	
		58%	37862	49.8	4579.2	1600	8.3	23.33	3909.1	
		60%	40965	56.0	5155.3	1663	7.9	25.32	4408.6	
		62%	44206	62.9	5786.4	1727	7.6	27.40	4954.5	
		64%	47574	70.4	6476.9	1791	7.3	29.56	5544.4	
		66%	51052	78.6	7231.3	1854	7.1	31.80	6174.4	
		68%	54617	87.5	8053.0	1916	6.8	34.10	6841.5	
		70%	58235	97.2	8943.5	1977	6.5	36.43	7541.1	
		72%	61868	107.6	9900.7	2036	6.2	38.76	8263.1	
		76%	68962	130.2	11977.7	2143	5.8	43.30	9715.3	
		80%	75363	153.4	14117.8	2234	5.3	47.38	11084.1	
		85%	81239	177.4	16328.2	2315	5.0	51.16	12402.6	
		100%	82890	184.7	16993.9	2337	4.9	52.24	12783.5	

H15MD-92V & MSC 64x23 (下轴/Lower Rotor)



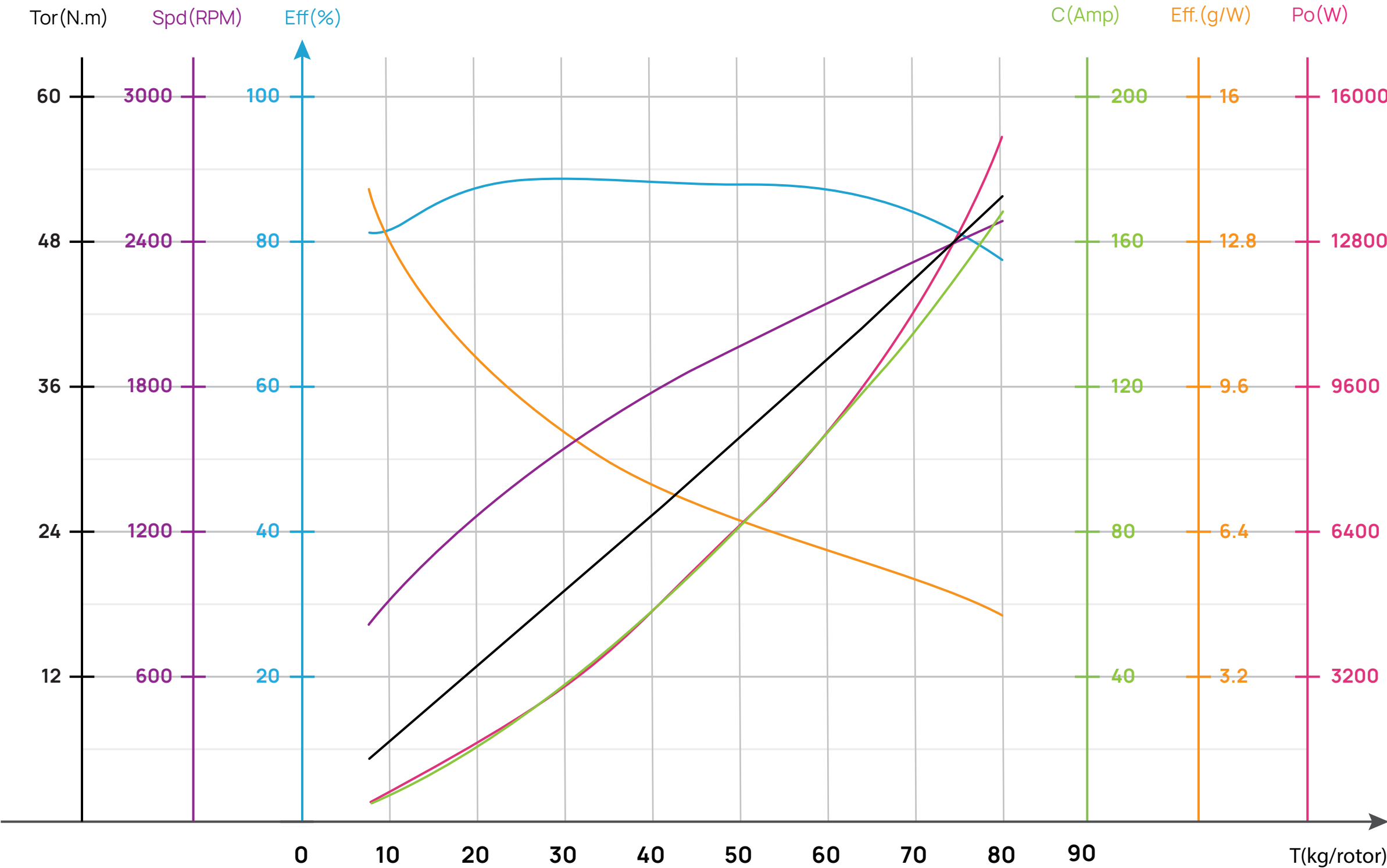
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	MSC 64x23	33%	7785	7.9	723.2	854	10.8	6.55	585.7	/
		38%	10548	12.1	1109.2	996	9.5	8.89	927.3	
		42%	13232	16.6	1530.8	1118	8.6	11.15	1305.8	
		44%	14721	19.4	1783.3	1180	8.3	12.41	1532.9	
		46%	16305	22.5	2065.8	1241	7.9	13.74	1785.0	
		48%	17984	25.9	2380.6	1303	7.6	15.15	2066.5	
		50%	19757	29.7	2729.9	1365	7.2	16.64	2377.7	
		52%	21625	33.9	3116.0	1427	6.9	18.20	2720.2	
		54%	23587	38.5	3541.5	1489	6.7	19.85	3095.7	
		56%	25642	43.6	4009.1	1551	6.4	21.59	3505.8	
		58%	27788	49.1	4521.4	1614	6.1	23.40	3954.4	
		60%	30022	55.2	5080.9	1677	5.9	25.29	4440.4	
		62%	32337	61.8	5689.7	1740	5.7	27.25	4964.7	
		64%	34727	69.0	6349.7	1803	5.5	29.28	5527.3	
		66%	37181	76.7	7061.8	1867	5.3	31.36	6131.1	
		68%	39686	85.1	7825.9	1930	5.1	33.49	6768.2	
		70%	42224	93.9	8640.2	1991	4.9	35.65	7431.7	
		72%	44775	103.2	9500.7	2051	4.7	37.81	8120.5	
		76%	49813	123.1	11329.7	2162	4.4	42.06	9522.8	
		80%	54543	143.6	13212.1	2257	4.1	46.01	10874.8	
		85%	59491	166.9	15360.6	2348	3.9	50.08	12312.8	
		100%	61610	177.5	16337.9	2385	3.8	51.79	12934.9	

H15MD-92V & MSC 64x23 (共轴/Coaxial Load)



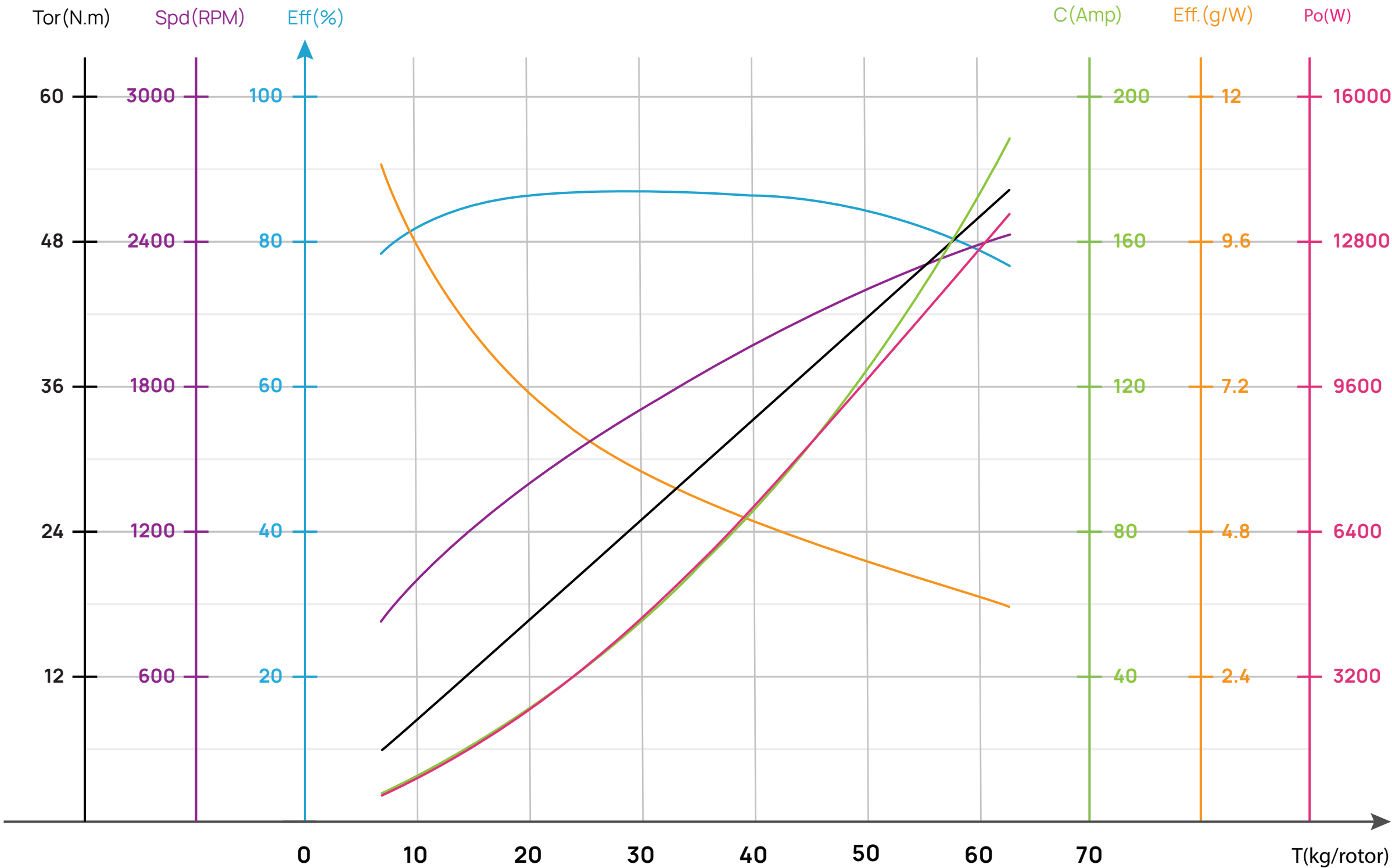
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Efficiency 效率 (%)	Efficiency 力效 (g/W)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	MSC 64x23	33%	18334	15.6	1434.2	78.83	12.8	1130.6	/
		38%	24935	23.9	2197.0	82.51	11.3	1812.7	
		42%	31294	33.1	3046.0	84.20	10.3	2564.7	
		44%	34803	38.7	3556.8	84.76	9.8	3014.7	
		46%	38529	44.9	4129.2	85.18	9.3	3517.2	
		48%	42474	51.8	4766.9	85.51	8.9	4076.1	
		50%	46643	59.5	5474.1	85.77	8.5	4695.1	
		52%	51041	68.0	6255.6	85.99	8.2	5379.2	
		54%	55674	77.3	7116.6	86.16	7.8	6131.7	
		56%	60544	87.6	8062.9	86.30	7.5	6958.3	
		58%	65650	98.9	9100.6	86.40	7.2	7862.9	
		60%	70987	111.2	10236.1	86.46	6.9	8850.2	
		62%	76544	124.7	11476.1	86.44	6.7	9919.9	
		64%	82302	139.4	12826.6	86.33	6.4	11073.2	
		66%	88234	155.3	14293.2	86.10	6.2	12306.4	
		68%	94302	172.6	15878.9	85.71	5.9	13609.8	
		70%	100459	191.1	17583.7	85.17	5.7	14976.0	
		72%	106643	210.8	19401.4	84.45	5.5	16384.5	
		76%	118776	253.3	23307.5	82.55	5.1	19240.3	
		80%	129906	297.0	27329.8	80.36	4.8	21962.2	
		85%	140730	344.4	31688.8	77.99	4.4	24714.1	
		100%	144500	362.2	33331.7	77.17	4.3	25722.1	

H15MD-92V & MFC 63x24 (上轴/Upper Rotor)



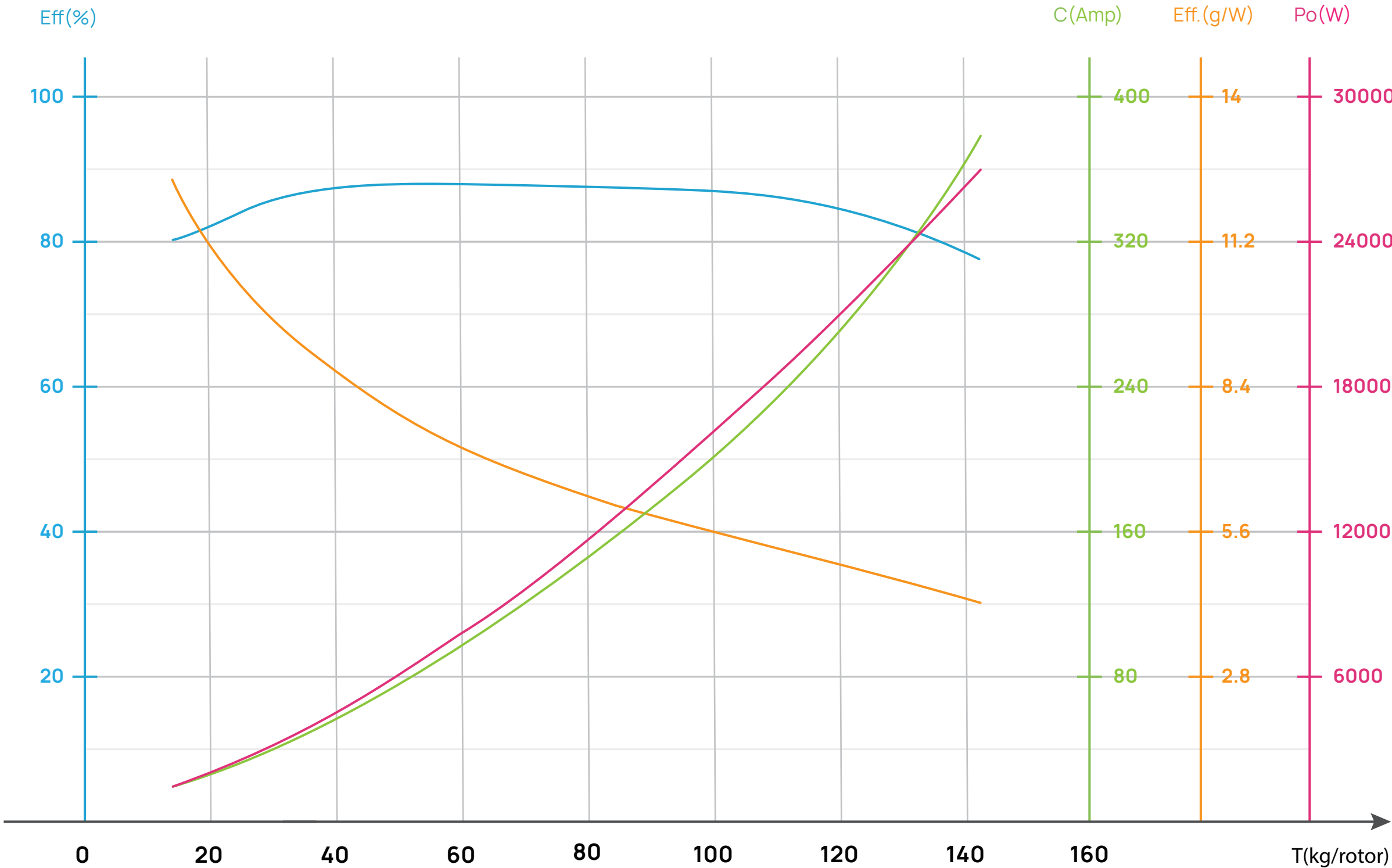
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N·m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	MFC 63x24	33%	8675	7.0	640.5	852	13.5	5.82	519.2	/
		38%	12149	10.9	1000.4	997	12.1	7.92	826.8	
		42%	15353	14.8	1360.2	1117	11.3	9.88	1155.6	
		44%	17121	17.1	1572.8	1178	10.9	10.97	1353.2	
		46%	19011	19.7	1813.9	1239	10.5	12.14	1575.0	
		48%	21032	22.7	2085.4	1301	10.1	13.40	1825.5	
		50%	23191	26.0	2393.7	1364	9.7	14.75	2106.7	
		52%	25491	29.8	2741.6	1428	9.3	16.19	2420.9	
		54%	27937	34.1	3133.6	1492	8.9	17.72	2768.4	
		56%	30529	38.8	3572.6	1557	8.5	19.36	3156.4	
		58%	33266	44.1	4060.4	1623	8.2	21.09	3584.2	
		60%	36142	50.0	4598.7	1689	7.9	22.92	4053.6	
		62%	39150	56.4	5185.9	1754	7.5	24.84	4562.2	
		64%	42278	63.3	5821.8	1820	7.3	26.83	5113.2	
		66%	45509	70.7	6501.9	1885	7.0	28.90	5704.3	
		68%	48824	78.5	7225.3	1950	6.8	31.03	6336.0	
		70%	52198	86.8	7990.0	2013	6.5	33.20	6998.1	
		72%	55598	95.6	8796.2	2073	6.3	35.40	7684.2	
		76%	62334	114.5	10542.3	2188	5.9	39.78	9114.0	
		80%	68668	135.6	12476.0	2290	5.5	43.95	10538.8	
		85%	75301	163.2	15021.8	2399	5.0	48.41	12160.8	
		100%	80032	188.5	17346.8	2483	4.6	51.66	13431.6	

H15MD-92V & MFC 63x24 (下轴/Lower Rotor)



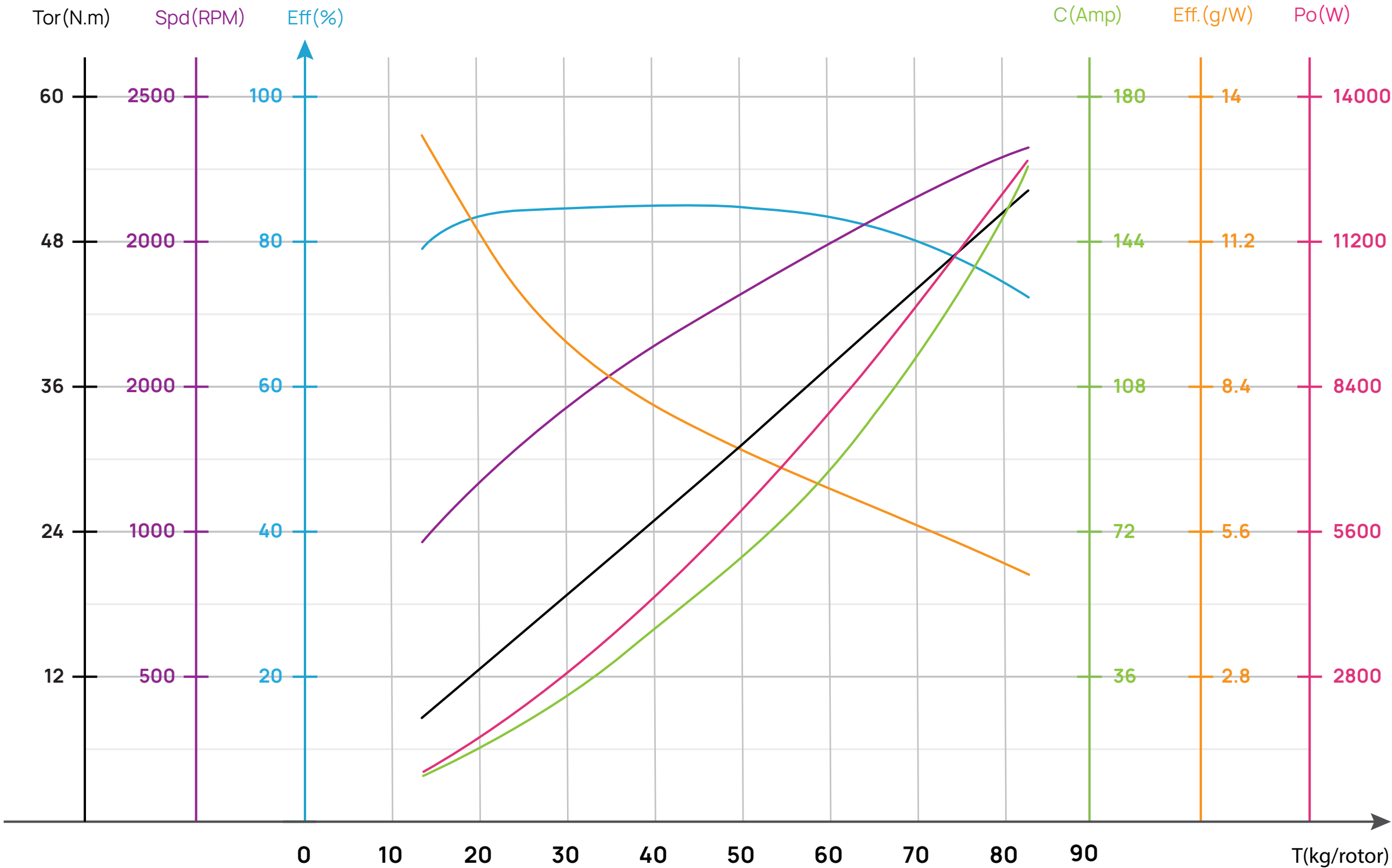
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	MFC 63x24	33%	7368	7.5	685.6	850	10.7	6.13	545.6	/
		38%	9996	11.3	1038.1	992	9.6	8.25	857.0	
		42%	12596	15.6	1434.7	1115	8.8	10.39	1213.1	
		44%	14037	18.2	1674.0	1177	8.4	11.59	1428.4	
		46%	15565	21.1	1942.8	1240	8.0	12.87	1671.1	
		48%	17179	24.4	2242.8	1302	7.7	14.23	1940.0	
		50%	18877	28.0	2575.0	1365	7.3	15.67	2239.7	
		52%	20659	32.0	2943.1	1427	7.0	17.18	2567.1	
		54%	22527	36.4	3348.1	1489	6.7	18.76	2925.0	
		56%	24480	41.2	3793.5	1552	6.5	20.42	3318.5	
		58%	26519	46.5	4280.3	1615	6.2	22.15	3745.8	
		60%	28643	52.3	4811.3	1679	6.0	23.96	4212.4	
		62%	30849	58.6	5388.4	1743	5.7	25.83	4714.3	
		64%	33133	65.4	6014.2	1807	5.5	27.79	5258.3	
		66%	35488	72.7	6689.7	1872	5.3	29.81	5843.4	
		68%	37905	80.6	7414.9	1937	5.1	31.89	6468.2	
		70%	40370	89.0	8191.6	2000	4.9	34.03	7126.7	
		72%	42867	98.0	9018.0	2062	4.8	36.20	7816.2	
		76%	47868	117.5	10811.9	2177	4.4	40.59	9252.8	
		80%	52678	138.5	12744.8	2276	4.1	44.79	10674.6	
		85%	57922	164.6	15148.9	2373	3.8	49.24	12235.2	
		100%	62351	190.0	17490.4	2449	3.6	52.72	13519.5	

H15MD-92V & MFC 63x24 (共轴/Coaxial Load)



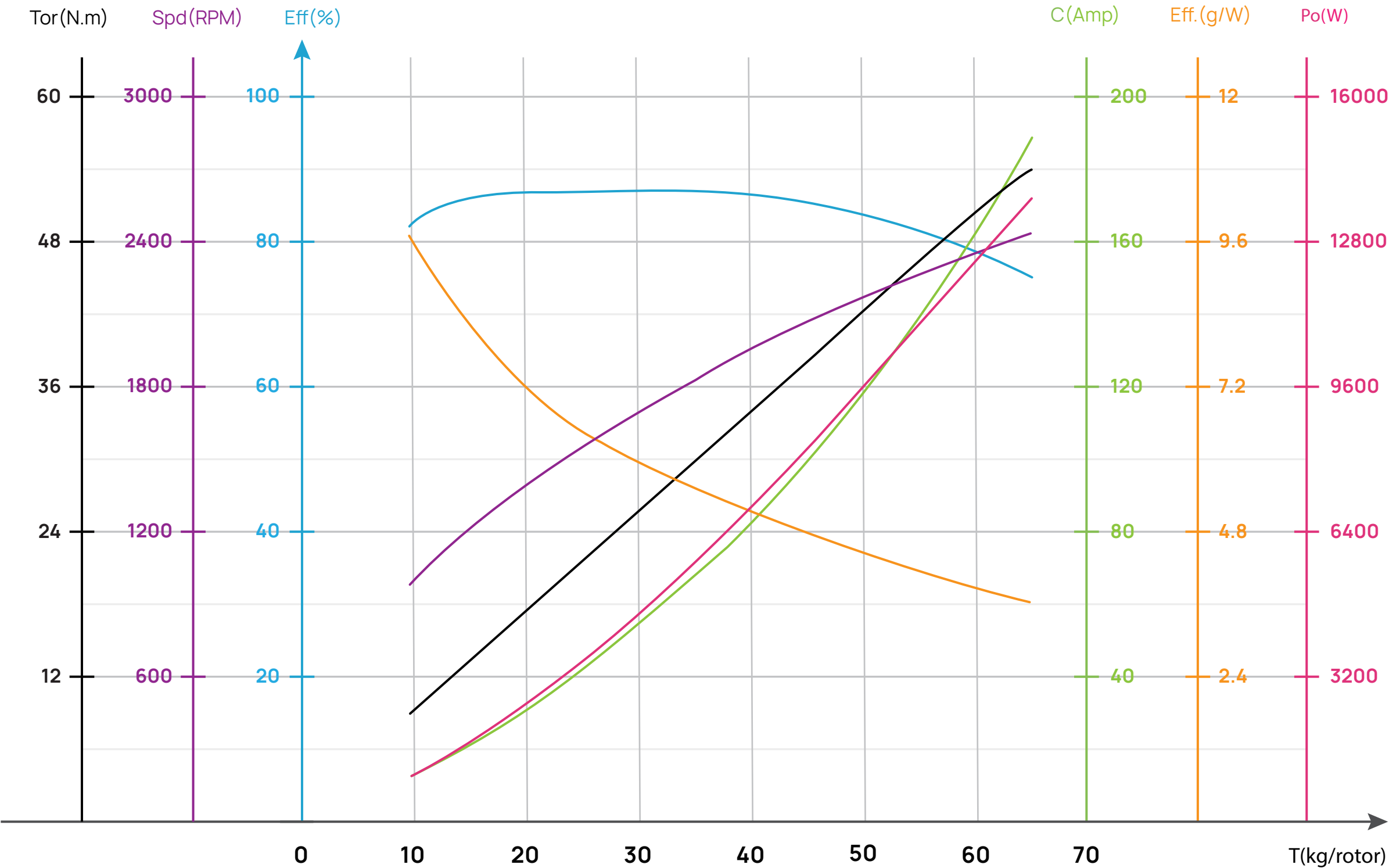
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Efficiency 效率 (%)	Efficiency 力效 (g/W)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
92V (24S LiPo)	MFC 63x24	33%	16043	14.4	1326.2	80.27	12.1	1064.5	/
		38%	22145	22.2	2038.5	82.61	10.9	1684.0	
		42%	27949	30.4	2795.0	84.77	10.0	2369.3	
		44%	31158	35.3	3247.7	85.69	9.6	2783.0	
		46%	34577	40.8	3756.7	86.45	9.2	3247.6	
		48%	38211	47.0	4328.2	87.04	8.8	3767.2	
		50%	42068	54.0	4968.7	87.47	8.5	4346.1	
		52%	46150	61.8	5684.7	87.74	8.1	4987.7	
		54%	50464	70.4	6481.7	87.88	7.8	5696.1	
		56%	55009	80.0	7366.1	87.92	7.5	6476.3	
		58%	59785	90.6	8340.7	87.89	7.2	7330.6	
		60%	64785	102.3	9410.1	87.82	6.9	8263.9	
		62%	69999	114.9	10575.2	87.74	6.6	9278.7	
		64%	75410	128.6	11836.0	87.65	6.4	10374.2	
		66%	80997	143.3	13191.6	87.56	6.1	11550.5	
		68%	86729	159.1	14640.1	87.44	5.9	12801.3	
		70%	92568	175.8	16181.6	87.28	5.7	14123.3	
		72%	98466	193.6	17814.2	87.02	5.5	15502.0	
		76%	110202	232.0	21355.1	86.01	5.2	18367.5	
		80%	121346	274.0	25219.9	84.14	4.8	21220.0	
		85%	133223	327.8	30171.6	80.86	4.4	24396.8	
		100%	142372	378.4	34830.7	77.38	4.1	26952.0	

H15MD-108V & MSC 64x23 (上轴/Upper Rotor)



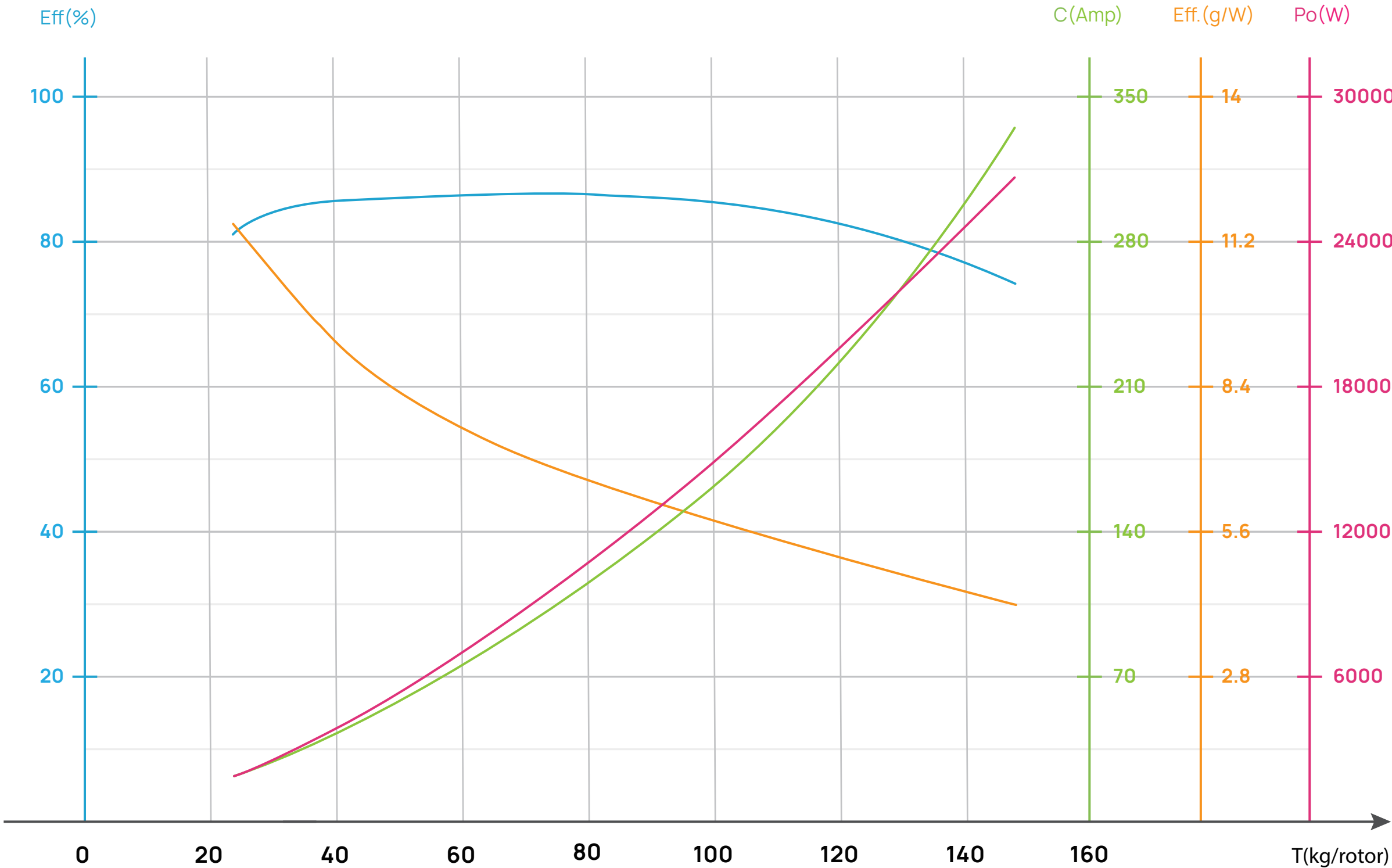
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机温度(℃)
108V (28S LiPo)	MSC 64x23	33%	14384	10.2	1106.7	985	13.0	8.65	891.9	/
		38%	19604	15.9	1713.9	1150	11.4	11.91	1434.2	
		42%	24198	21.8	2351.2	1280	10.3	14.81	1985.3	
		44%	26783	25.4	2741.6	1348	9.8	16.45	2321.8	
		46%	29592	29.5	3187.4	1418	9.3	18.23	2706.5	
		48%	32634	34.2	3692.1	1488	8.8	20.15	3139.7	
		50%	35899	39.4	4257.7	1560	8.4	22.21	3628.4	
		52%	39370	45.2	4885.3	1631	8.1	24.40	4167.3	
		54%	43015	51.6	5576.0	1702	7.7	26.70	4758.3	
		56%	46796	58.6	6331.6	1772	7.4	29.09	5397.3	
		58%	50666	66.2	7154.2	1841	7.1	31.54	6080.7	
		60%	54570	74.5	8045.7	1909	6.8	34.04	6803.7	
		62%	58452	83.4	9006.1	1975	6.5	36.54	7555.8	
		64%	62249	92.9	10031.2	2039	6.2	39.00	8327.3	
		66%	65898	102.8	11110.1	2099	5.9	41.39	9097.5	
		68%	69335	113.1	12222.7	2154	5.7	43.65	9846.3	
		70%	72497	123.5	13339.5	2203	5.4	45.74	10551.7	
		72%	75323	133.5	14421.0	2244	5.2	47.60	11185.7	
		74%	77758	142.7	15420.8	2277	5.0	49.20	11730.6	
		76%	79749	150.8	16288.3	2302	4.9	50.49	12171.2	
		80%	82230	161.4	17436.2	2330	4.7	52.09	12707.9	
		100%	82677	163.4	17651.0	2334	4.7	52.37	12799.0	

H15MD-108V & MSC 64x23 (下轴/Lower Rotor)



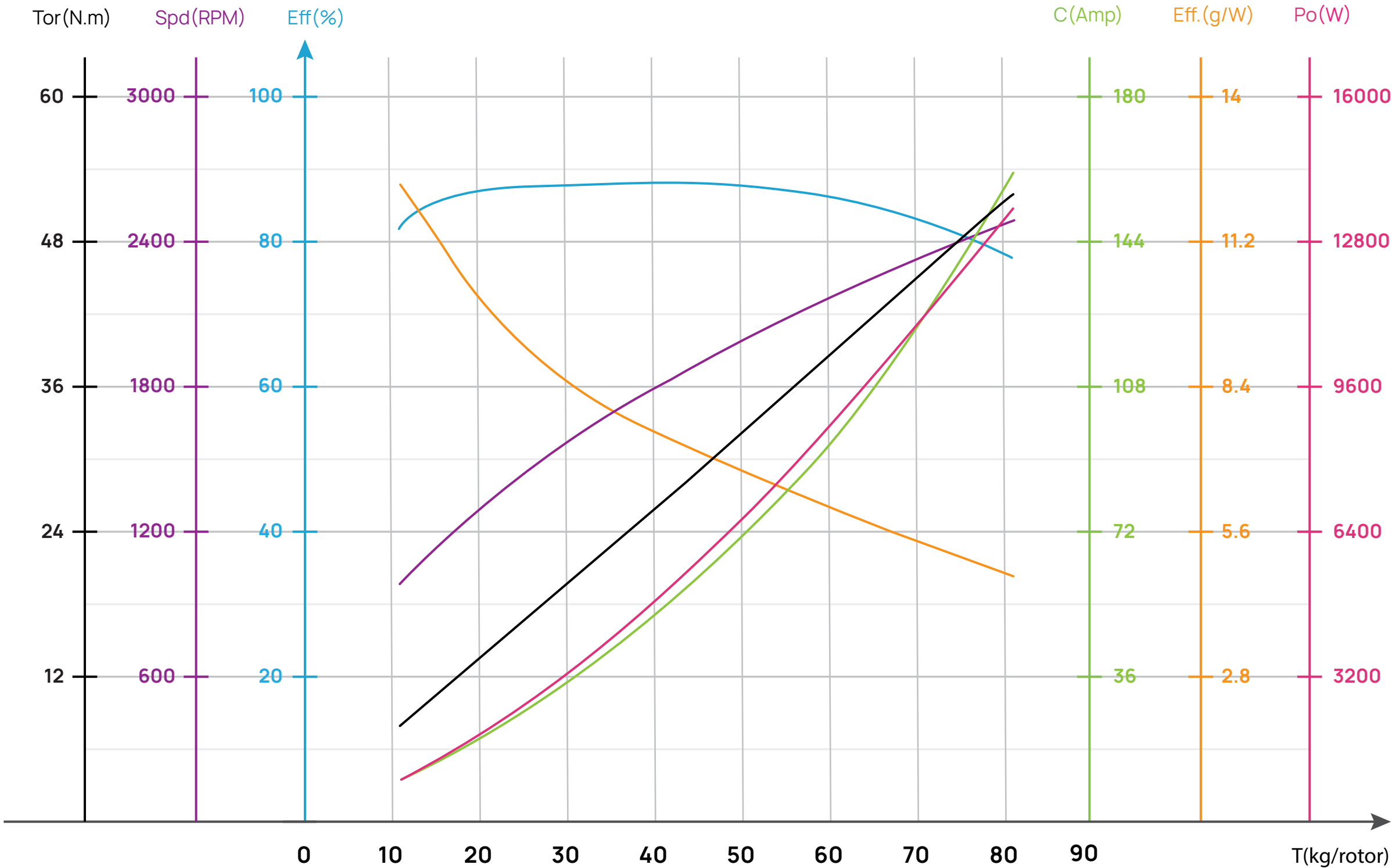
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
108V (28S LiPo)	MSC 64x23	33%	10527	10.3	1113.9	996	9.5	8.85	922.8	/
		38%	14338	15.9	1717.9	1164	8.3	12.05	1468.1	
		42%	17888	22.0	2374.9	1300	7.5	15.05	2048.5	
		44%	19844	25.6	2768.2	1369	7.2	16.70	2394.4	
		46%	21922	29.7	3207.7	1438	6.8	18.46	2779.3	
		48%	24123	34.2	3695.5	1508	6.5	20.31	3207.4	
		50%	26444	39.2	4234.2	1578	6.2	22.26	3678.5	
		52%	28881	44.7	4826.2	1648	6.0	24.31	4194.3	
		54%	31425	50.7	5474.6	1719	5.7	26.44	4758.8	
		56%	34066	57.2	6182.7	1789	5.5	28.65	5367.5	
		58%	36790	64.4	6954.0	1859	5.3	30.94	6023.6	
		60%	39578	72.1	7791.3	1929	5.1	33.30	6726.5	
		62%	42409	80.5	8696.1	1996	4.9	35.71	7463.1	
		64%	45254	89.5	9667.5	2061	4.7	38.14	8231.2	
		66%	48084	99.0	10700.2	2123	4.5	40.57	9018.3	
		68%	50862	109.1	11782.9	2180	4.3	42.95	9803.7	
		70%	53546	119.4	12897.4	2233	4.2	45.23	10575.4	
		72%	56089	129.7	14016.9	2280	4.0	47.35	11305.5	
		74%	58438	139.8	15106.0	2322	3.9	49.27	11978.5	
		76%	60532	149.2	16121.3	2357	3.8	50.91	12564.6	
		80%	63689	164.1	17726.4	2409	3.6	53.23	13427.1	
		100%	64849	169.7	18336.9	2428	3.5	54.02	13734.0	

H15MD-108V & MSC 64x23 (共轴/Coaxial Load)



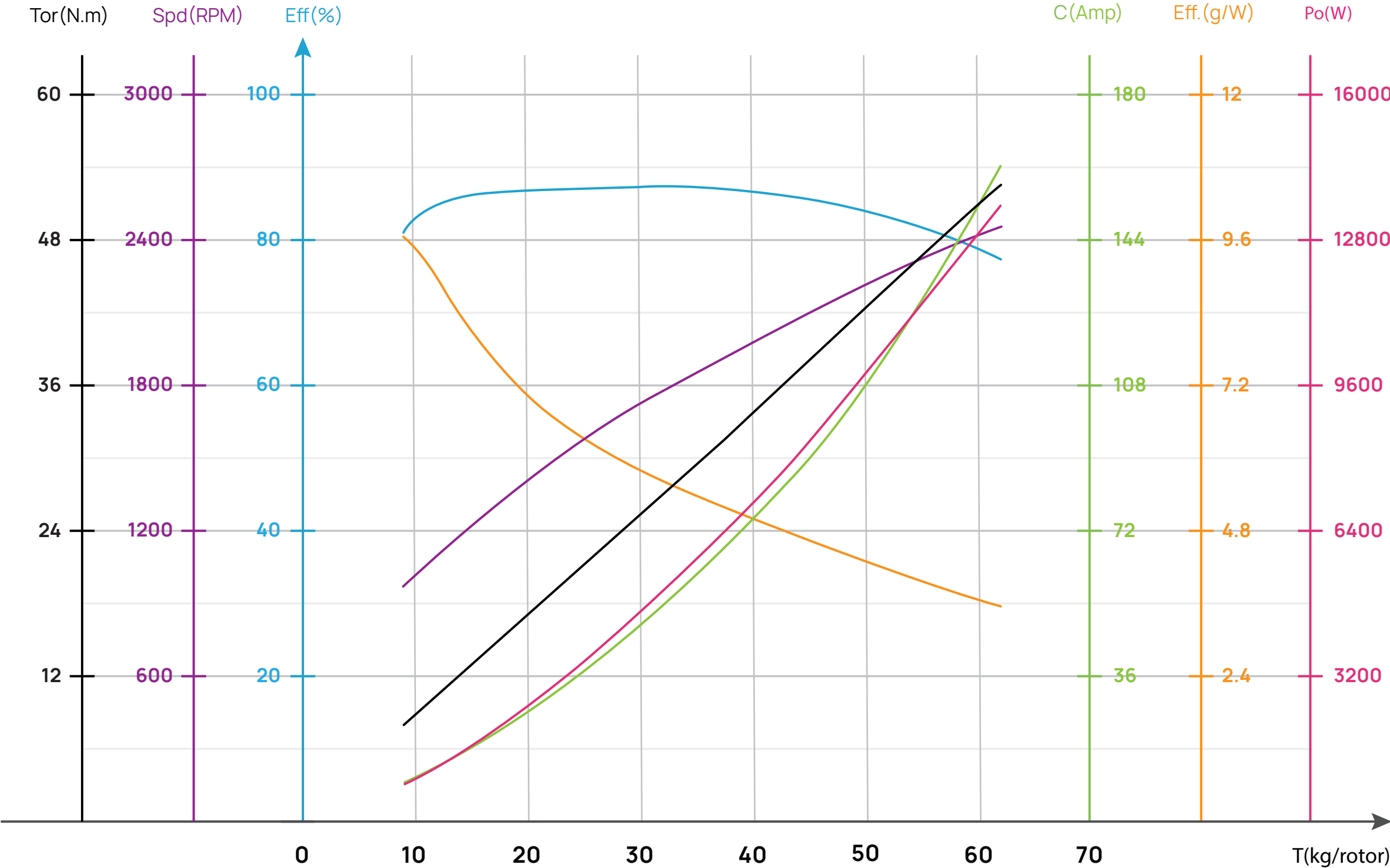
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Efficiency 效率(%)	Efficiency 力效(g/W)	Power Output 输出功率(W)	Temperature 电机温度(℃)
108V (28S LiPo)	MSC 64x23	33%	24912	20.6	2220.5	81.72	11.2	1814.6	/
		38%	33942	31.8	3431.8	84.57	9.9	2902.3	
		42%	42087	43.7	4726.1	85.38	8.9	4035.2	
		44%	46626	51.0	5509.8	85.61	8.5	4716.9	
		46%	51514	59.2	6395.0	85.78	8.1	5485.7	
		48%	56756	68.4	7387.6	85.92	7.7	6347.4	
		50%	62343	78.6	8491.8	86.04	7.3	7306.4	
		52%	68251	89.9	9711.5	86.11	7.0	8362.6	
		54%	74440	102.3	11050.7	86.12	6.7	9516.8	
		56%	80863	115.8	12514.4	86.03	6.5	10766.1	
		58%	87456	130.6	14108.2	85.82	6.2	12107.6	
		60%	94149	146.6	15836.9	85.44	5.9	13531.1	
		62%	100861	163.9	17702.2	84.86	5.7	15022.1	
		64%	107503	182.3	19698.8	84.07	5.5	16560.8	
		66%	113982	201.9	21810.2	83.07	5.2	18117.8	
		68%	120197	222.2	24005.7	81.87	5.0	19653.4	
		70%	126043	242.8	26236.9	80.52	4.8	21126.0	
		72%	131412	263.2	28437.9	79.10	4.6	22494.4	
		74%	136195	282.5	30526.7	77.67	4.5	23710.1	
		76%	140281	300.0	32409.7	76.34	4.3	24741.5	
		80%	145919	325.4	35162.5	74.33	4.1	26136.3	
		100%	147509	333.0	35979.8	73.75	4.1	26535.1	

H15MD-108V & MFC 63x24 (上轴/Upper Rotor)



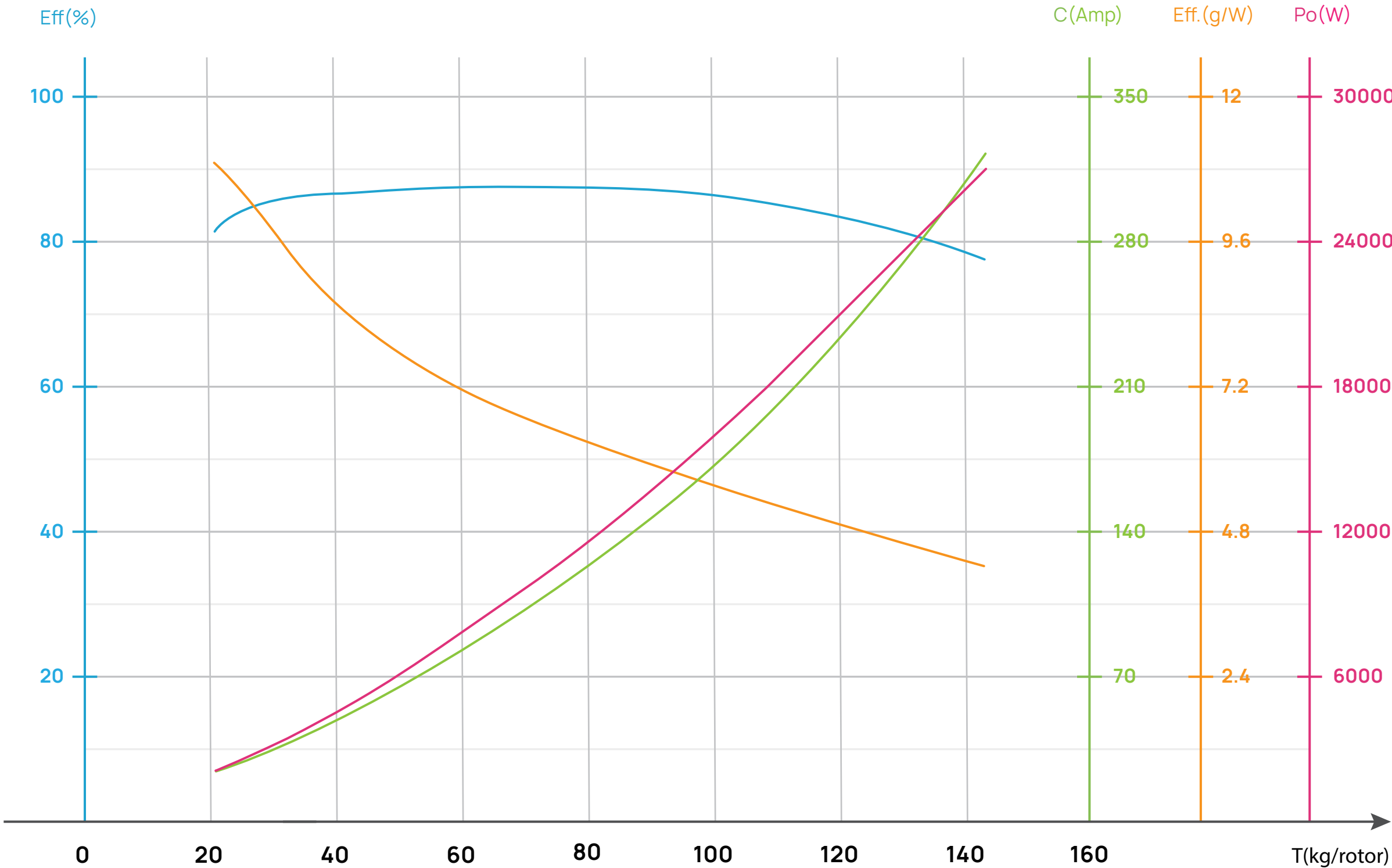
Voltage 工作电压 (V)	Propeller 螺旋桨	Throttle 油门 (%)	Thrust 拉力 (g)	Current 电流 (A)	Power Input 输入功率 (W)	Speed 转速 (RPM)	Efficiency 力效 (g/W)	Torque 扭矩 (N · m)	Power Output 输出功率 (W)	Temperature 电机温度 (°C)
108V (28S LiPo)	MFC 63x24	33%	11904	9.1	981.7	991	12.1	7.83	812.5	/
		38%	16440	13.9	1500.1	1159	11.0	10.62	1288.9	
		42%	20757	19.3	2085.5	1299	10.0	13.34	1814.5	
		44%	23147	22.6	2438.6	1369	9.5	14.85	2128.8	
		46%	25696	26.3	2836.1	1440	9.1	16.46	2481.9	
		48%	28408	30.4	3277.8	1512	8.7	18.17	2876.8	
		50%	31285	34.9	3767.0	1583	8.3	19.98	3311.9	
		52%	34330	39.9	4306.0	1655	8.0	21.88	3791.8	
		54%	37538	45.4	4898.9	1727	7.7	23.88	4318.4	
		56%	40904	51.4	5551.2	1799	7.4	25.99	4895.9	
		58%	44416	58.0	6267.2	1871	7.1	28.19	5522.9	
		60%	48057	65.3	7055.6	1942	6.8	30.49	6200.2	
		62%	51799	73.3	7921.5	2013	6.5	32.90	6934.8	
		64%	55611	82.1	8868.7	2082	6.3	35.39	7715.4	
		66%	59448	91.7	9899.1	2149	6.0	37.94	8537.5	
		68%	63256	101.9	11007.3	2213	5.7	40.50	9385.0	
		70%	66972	112.7	12174.9	2273	5.5	43.02	10239.2	
		72%	70515	123.8	13374.9	2328	5.3	45.41	11069.6	
		74%	73796	134.8	14562.2	2379	5.1	47.57	11850.2	
		76%	76708	145.1	15678.0	2423	4.9	49.42	12538.7	
		78%	79129	154.1	16648.0	2459	4.8	50.88	13100.9	
		100%	80919	161.0	17390.1	2486	4.7	51.90	13510.3	

H15MD-108V & MFC 63x24 (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)	MFC 63x24	33%	10031	9.7	1050.8	995	9.5	8.33	867.9	/
		38%	13747	14.9	1610.3	1161	8.5	11.37	1382.3	
		42%	17160	20.8	2243.2	1299	7.6	14.26	1939.7	
		44%	19037	24.3	2624.4	1369	7.3	15.86	2273.5	
		46%	21034	28.3	3051.0	1440	6.9	17.57	2649.3	
		48%	23153	32.6	3523.0	1511	6.6	19.37	3064.7	
		50%	25391	37.4	4041.4	1582	6.3	21.27	3523.5	
		52%	27746	42.7	4606.2	1652	6.0	23.26	4023.6	
		54%	30208	48.4	5222.9	1723	5.8	25.32	4568.2	
		56%	32767	54.6	5893.6	1793	5.6	27.47	5157.5	
		58%	35408	61.3	6623.6	1862	5.3	29.68	5786.8	
		60%	38115	68.7	7420.7	1931	5.1	31.97	6464.3	
		62%	40865	76.8	8290.8	1999	4.9	34.33	7185.9	
		64%	43633	85.5	9233.8	2066	4.7	36.73	7946.0	
		66%	46390	94.9	10251.2	2132	4.5	39.16	8742.3	
		68%	49102	104.9	11331.3	2196	4.3	41.58	9561.2	
		70%	51732	115.3	12457.9	2257	4.2	43.94	10384.6	
		72%	54238	125.9	13602.8	2312	4.0	46.18	11179.9	
		74%	56575	136.4	14731.8	2361	3.8	48.23	11923.7	
		76%	58690	146.3	15797.9	2402	3.7	50.04	12586.0	
		78%	60528	155.1	16753.9	2435	3.6	51.55	13143.9	
		100%	62029	162.5	17551.1	2459	3.5	52.72	13574.7	

H15MD-108V & MFC 63x24 (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)	MFC 63x24	33%	21935	18.8	2032.6	82.70	10.8	1680.9	/
		38%	30188	28.8	3110.4	85.90	9.7	2671.8	
		42%	37917	40.1	4327.6	86.73	8.8	3753.3	
		44%	42184	46.9	5064.1	86.97	8.3	4404.3	
		46%	46730	54.5	5887.1	87.18	7.9	5132.4	
		48%	51560	63.0	6800.8	87.37	7.6	5941.8	
		50%	56677	72.3	7807.3	87.55	7.3	6835.3	
		52%	62075	82.5	8912.2	87.70	7.0	7816.0	
		54%	67746	93.7	10121.8	87.80	6.7	8886.9	
		56%	73671	106.0	11443.7	87.82	6.4	10049.8	
		58%	79825	119.4	12890.9	87.73	6.2	11309.2	
		60%	86172	134.0	14476.3	87.50	6.0	12666.8	
		62%	92664	150.1	16212.3	87.10	5.7	14120.9	
		64%	99244	167.6	18103.6	86.52	5.5	15663.2	
		66%	105837	186.6	20150.3	85.76	5.3	17280.9	
		68%	112358	206.8	22338.6	84.82	5.0	18947.6	
		70%	118704	228.1	24632.8	83.72	4.8	20622.5	
		72%	124754	249.8	26977.7	82.48	4.6	22251.2	
		74%	130371	271.2	29295.0	81.16	4.5	23775.8	
		76%	135398	291.4	31475.9	79.83	4.3	25127.2	
		78%	139657	309.2	33401.9	78.58	4.2	26247.2	
		100%	142949	323.5	34941.2	77.52	4.1	27086.4	