



LOAD PERFORMANCE PARAMETERS

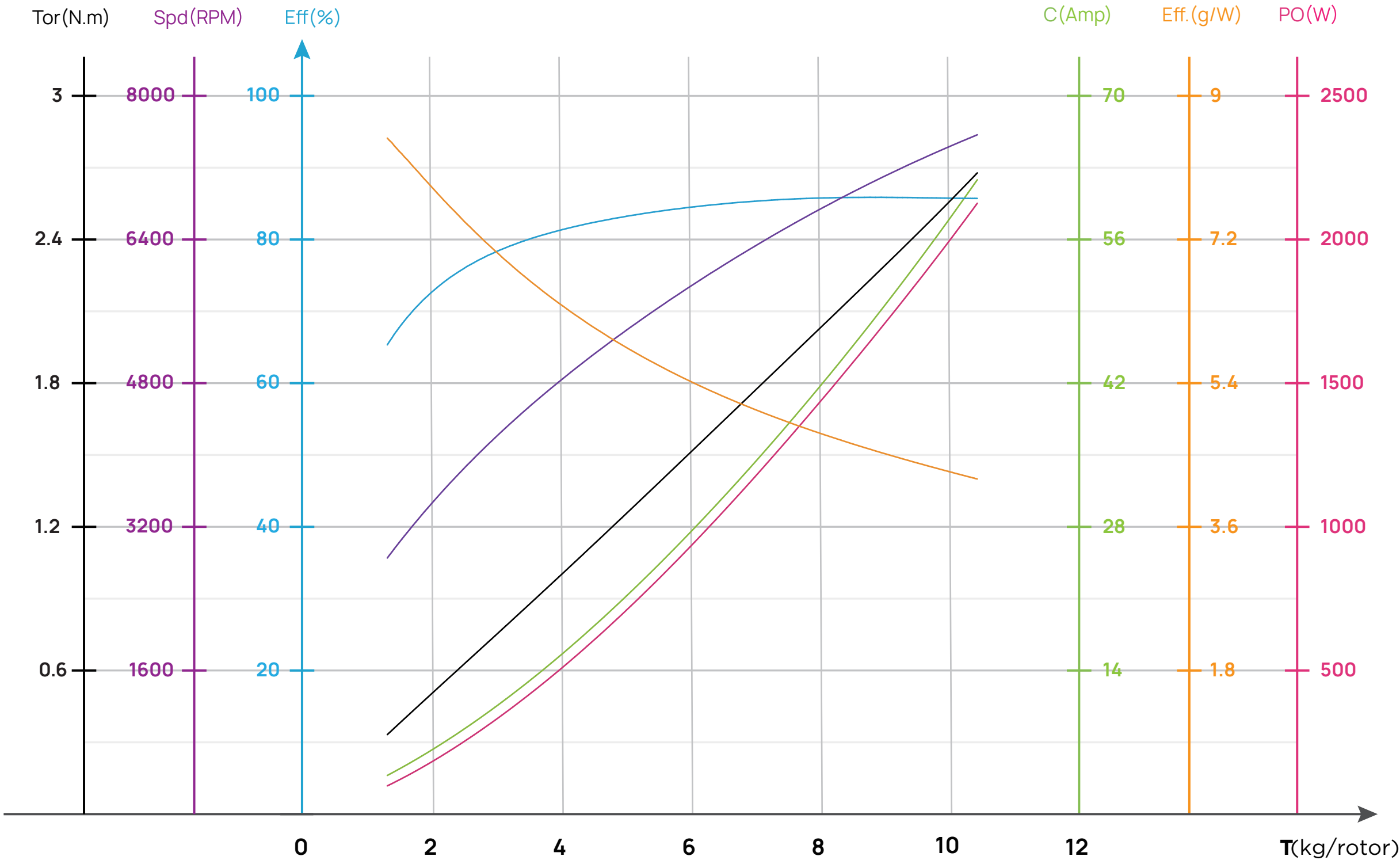
负载性能参数

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90%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.

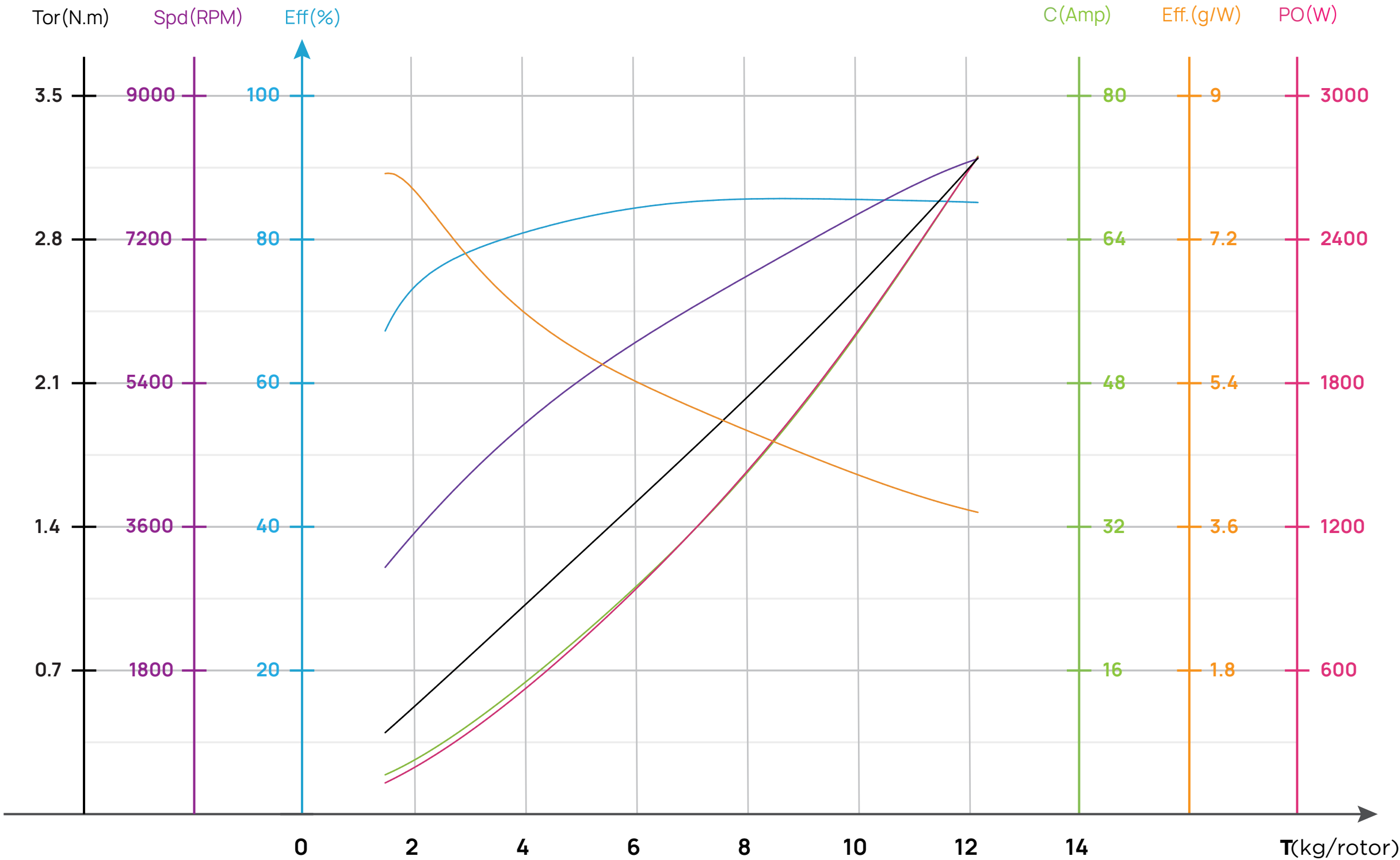
The motor temperature is measured after running for 10 minutes at 90% throttle, for reference only.

C6220-220KV& 19×10



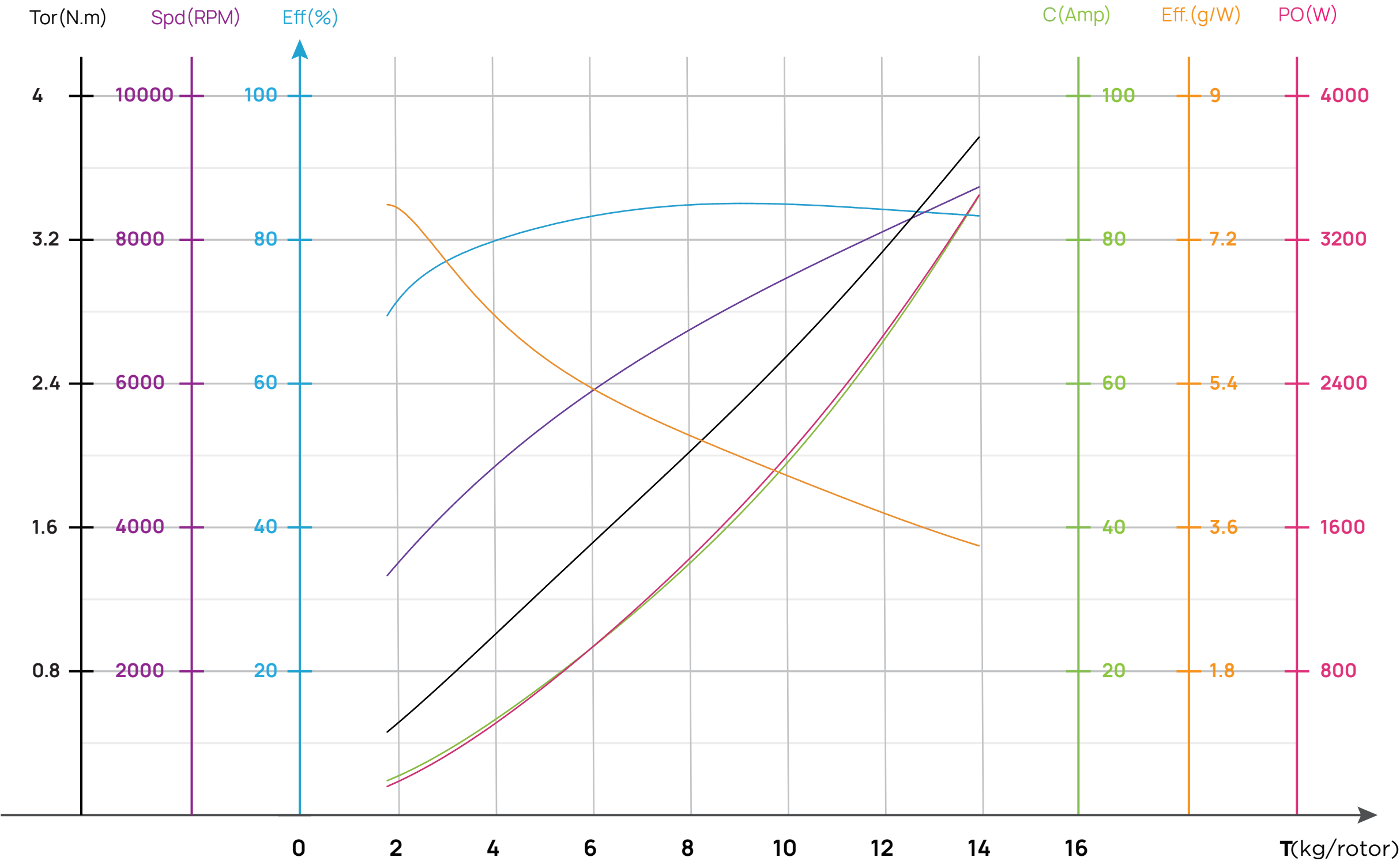
Voltage 工作电压(V)	Propeller 螺旋桨	Throttle 油门(%)	Thrust 拉力(g)	Current 电流(A)	Power Input 输入功率(W)	Speed 转速(RPM)	Efficiency 力效(g/W)	Torque 扭矩(N·m)	Power Output 输出功率(W)	Temperature 电机温度(℃)
40V (12S LiPo)	19x10	35%	1695	5.2	208.3	3223	8.1	0.43	146.3	/
		37%	1879	5.9	235.7	3381	8.0	0.48	169.6	
		39%	2073	6.6	265.8	3540	7.8	0.53	195.3	
		42%	2379	7.9	315.5	3779	7.5	0.60	238.3	
		45%	2697	9.2	370.4	4013	7.3	0.68	286.0	
		48%	3026	10.7	430.2	4241	7.0	0.76	338.3	
		51%	3364	12.4	495.1	4463	6.8	0.85	395.2	
		54%	3715	14.1	565.8	4681	6.6	0.93	457.3	
		57%	4081	16.1	643.0	4897	6.3	1.02	525.4	
		60%	4463	18.2	727.7	5113	6.1	1.12	600.3	
		63%	4867	20.5	821.1	5330	5.9	1.22	683.1	
		66%	5295	23.1	924.4	5550	5.7	1.33	775.0	
		69%	5749	25.9	1038.7	5773	5.5	1.45	876.6	
		72%	6229	29.1	1164.5	5999	5.3	1.57	988.8	
		75%	6734	32.5	1302.3	6226	5.2	1.70	1111.4	
		78%	7259	36.2	1451.4	6451	5.0	1.84	1243.4	
		81%	7798	40.2	1610.1	6670	4.8	1.98	1383.1	
		84%	8340	44.4	1775.8	6879	4.7	2.12	1527.6	
		87%	8869	48.5	1943.6	7071	4.6	2.26	1672.5	
		90%	9368	52.6	2107.1	7243	4.4	2.39	1812.6	
		100%	10446	62.0	2480.4	7582	4.2	2.68	2130.7	

C6220-220KV& 19×10



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(℃)
44V (12S LiPo)	19x10	35%	2037	5.9	261.1	3511	7.8	0.52	191.2	/
		37%	2250	6.7	295.0	3677	7.6	0.57	220.4	
		39%	2466	7.5	331.7	3842	7.4	0.63	251.8	
		42%	2801	8.9	392.2	4087	7.1	0.71	303.5	
		45%	3151	10.4	459.7	4331	6.9	0.80	361.2	
		48%	3520	12.1	534.7	4574	6.6	0.89	425.7	
		51%	3912	14.0	617.8	4817	6.3	0.99	497.9	
		54%	4329	16.1	709.5	5060	6.1	1.09	578.4	
		57%	4772	18.4	810.6	5302	5.9	1.20	668.0	
		60%	5244	20.9	921.8	5542	5.7	1.32	767.1	
		63%	5745	23.7	1044.0	5780	5.5	1.45	876.3	
		66%	6272	26.7	1178.3	6017	5.3	1.58	996.2	
		69%	6825	30.1	1325.8	6252	5.1	1.72	1126.9	
		72%	7399	33.8	1487.6	6487	5.0	1.87	1269.1	
		75%	7990	37.8	1664.5	6723	4.8	2.02	1423.1	
		78%	8589	42.1	1856.4	6960	4.6	2.18	1588.3	
		81%	9190	46.8	2061.5	7194	4.5	2.34	1763.2	
		84%	9781	51.7	2276.0	7422	4.3	2.50	1945.1	
		87%	10350	56.6	2493.4	7636	4.2	2.66	2128.9	
		90%	10882	61.4	2704.8	7827	4.0	2.82	2307.1	
		100%	12152	73.2	3223.4	8199	3.8	3.19	2740.4	

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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(℃)
48V (12S LiPo)	19x10	35%	2349	6.6	316.9	3767	7.4	0.60	234.7	82℃
		37%	2596	7.5	358.7	3945	7.2	0.65	270.4	
		39%	2854	8.4	405.1	4125	7.0	0.72	309.9	
		42%	3256	10.0	482.7	4393	6.7	0.82	376.0	
		45%	3677	11.9	569.6	4659	6.5	0.92	450.5	
		48%	4116	13.9	665.7	4921	6.2	1.04	533.4	
		51%	4577	16.0	771.1	5181	5.9	1.15	625.2	
		54%	5060	18.4	886.4	5438	5.7	1.28	726.4	
		57%	5571	21.1	1012.7	5695	5.5	1.41	837.9	
		60%	6110	24.0	1151.3	5951	5.3	1.54	960.6	
		63%	6682	27.1	1303.9	6207	5.1	1.69	1095.6	
		66%	7287	30.6	1472.5	6463	4.9	1.84	1244.3	
		69%	7925	34.5	1659.3	6718	4.8	2.00	1407.6	
		72%	8594	38.8	1866.6	6972	4.6	2.17	1587.0	
		75%	9289	43.6	2096.5	7223	4.4	2.36	1783.3	
		78%	10001	48.9	2350.0	7469	4.3	2.55	1996.5	
		81%	10719	54.6	2625.7	7709	4.1	2.76	2225.4	
		84%	11428	60.7	2918.9	7938	3.9	2.97	2465.9	
		87%	12107	67.0	3220.2	8154	3.8	3.18	2710.9	
		90%	12730	73.1	3514.1	8349	3.6	3.37	2948.0	
		100%	13964	86.1	4138.7	8735	3.4	3.77	3449.2	