



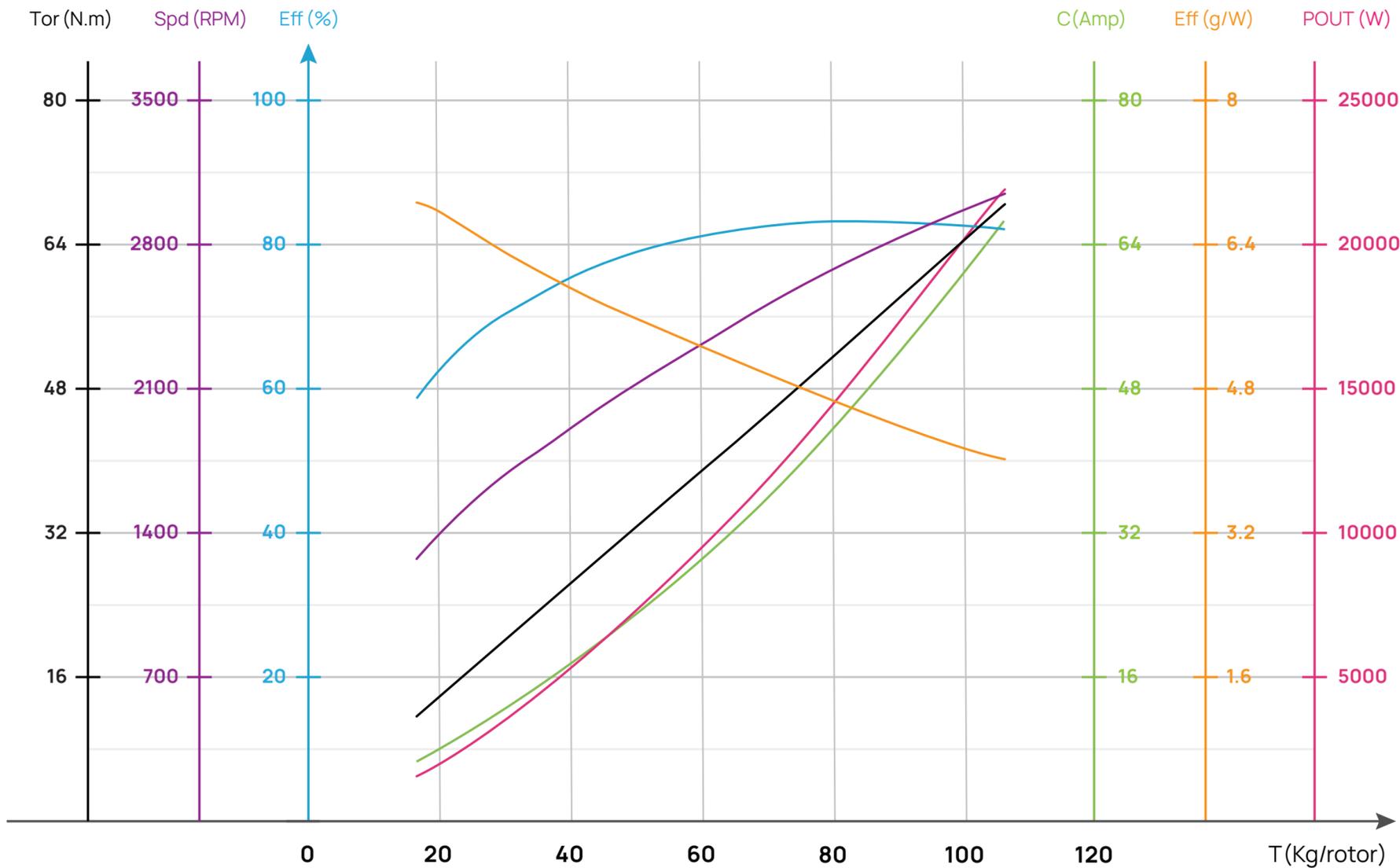
# LOAD PERFORMANCE PARAMETERS

## 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，电机温度为推荐拉力下持续运行5min数据，仅供参考。

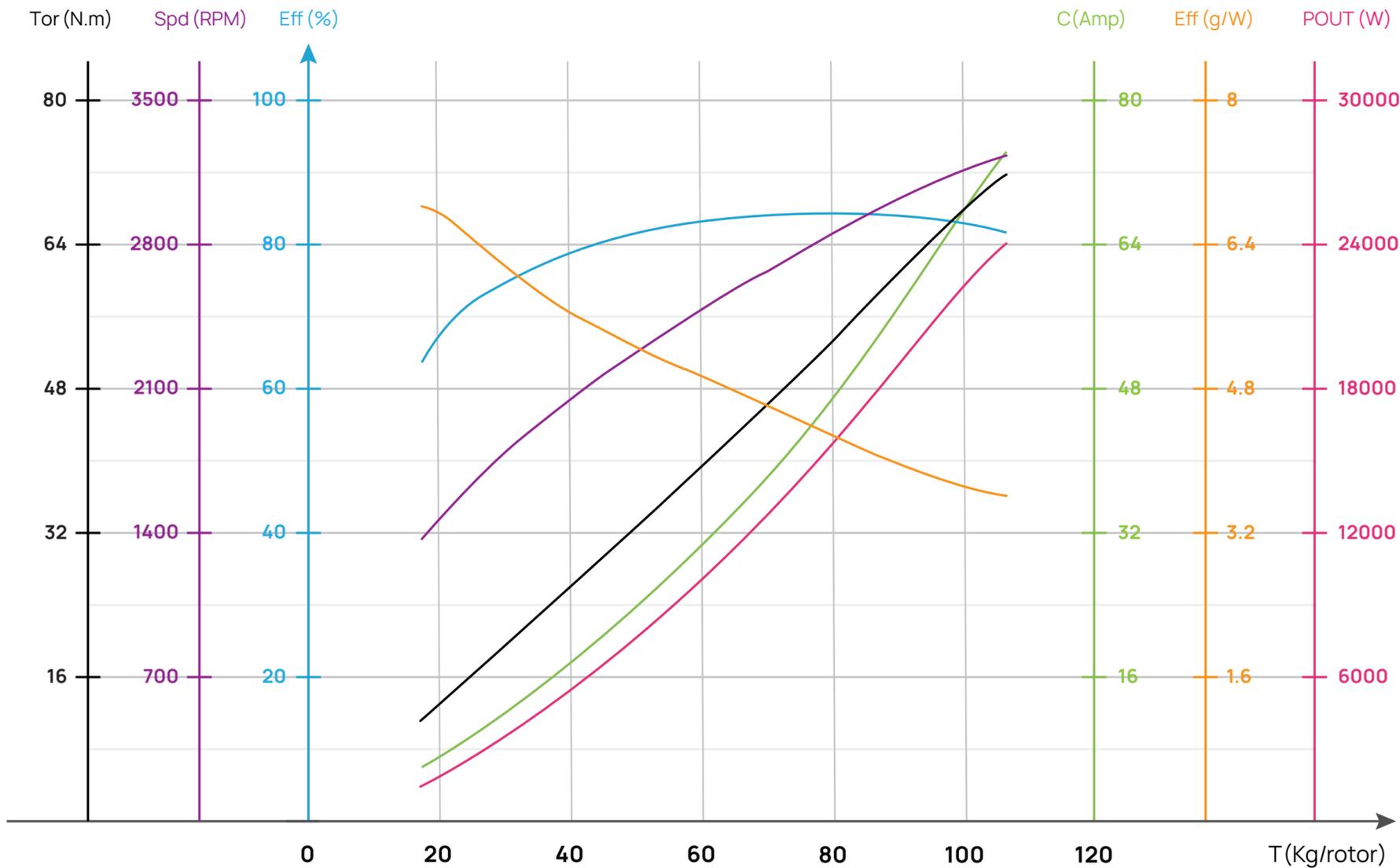
The below data is based on the measurement made by Hobbywing Laboratory at room temperature 25°C, sea level altitude, varying throttle input regulation, and the temperature of the motor is recommend take off weight under continuous operation for 5 min, which is for reference only.

# P65V-11KV & MSC 64×20



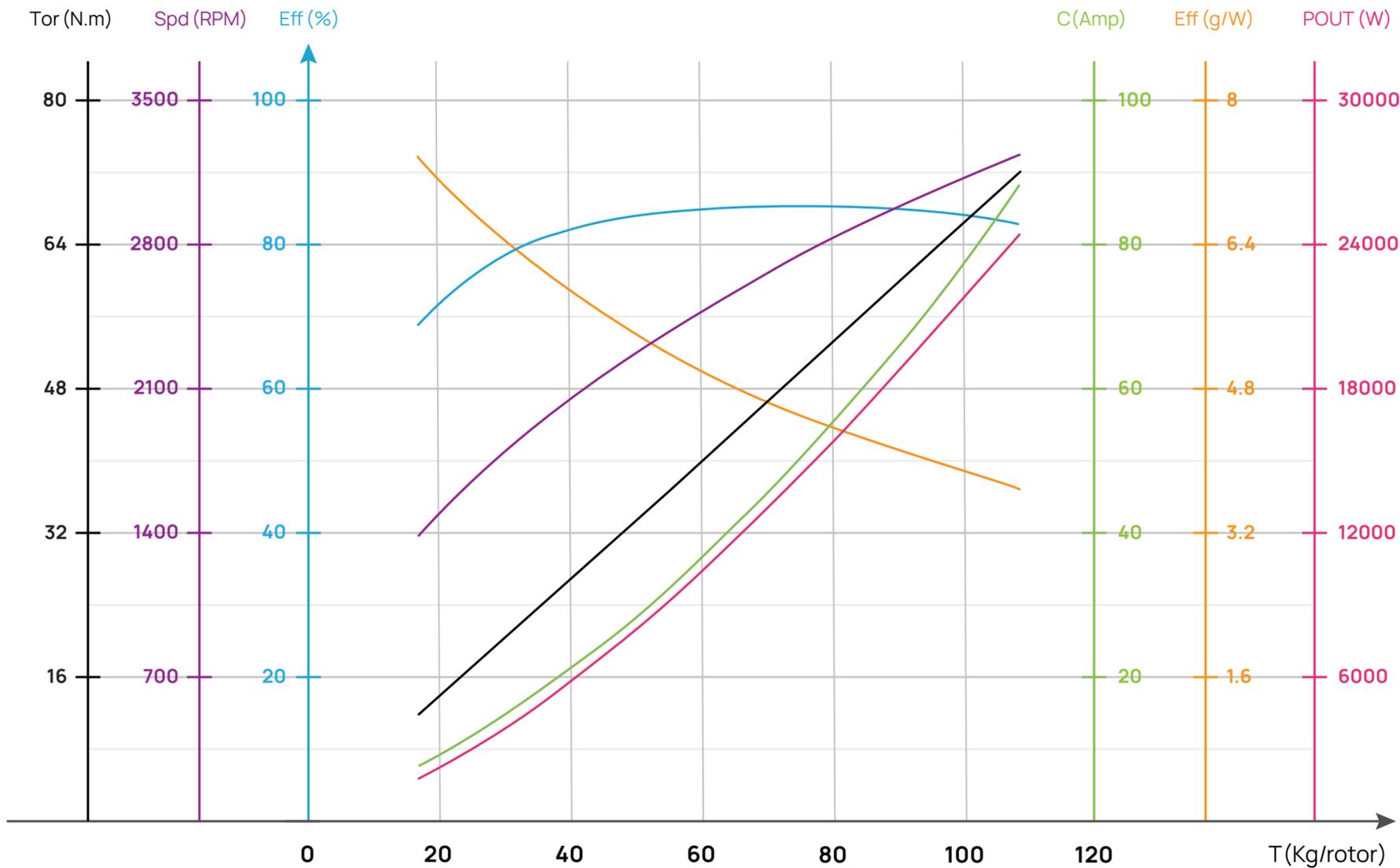
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
400V	MSC 64×20	33%	21641	8.0	3188.1	1394	6.8	13.67	1995.1	89°C
		35%	24691	9.3	3710.1	1490	6.7	15.56	2427.3	
		37%	27969	10.8	4301.9	1584	6.5	17.64	2926.3	
		39%	31408	12.4	4951.5	1675	6.3	19.86	3483.3	
		42%	36748	15.0	6009.1	1805	6.1	23.32	4407.4	
		45%	42177	17.9	7137.9	1926	5.9	26.83	5411.3	
		48%	47581	20.8	8314.9	2041	5.7	30.27	6470.7	
		51%	52886	23.8	9526.5	2150	5.6	33.61	7568.1	
		54%	58042	26.9	10766.3	2254	5.4	36.83	8691.3	
		57%	63026	30.1	12031.8	2351	5.2	39.93	9832.2	
		60%	67830	33.4	13322.7	2443	5.1	42.94	10985.0	
		63%	72458	36.7	14638.9	2529	4.9	45.86	12145.7	
		66%	76922	40.0	15979.5	2609	4.8	48.72	13310.3	
		69%	81231	43.4	17341.4	2683	4.7	51.52	14474.0	
		72%	85390	46.9	18717.5	2751	4.6	54.27	15629.7	
		75%	89394	50.4	20094.8	2812	4.4	56.94	16766.5	
		78%	93219	53.8	21452.2	2868	4.3	59.50	17868.3	
		81%	96819	57.1	22758.5	2918	4.3	61.89	18912.4	
		84%	100119	60.1	23971.6	2962	4.2	64.06	19869.3	
		87%	103011	62.8	25038.8	2999	4.1	65.92	20702.4	
90%	105346	65.0	25897.4	3029	4.1	67.38	21368.0			
100%	107513	66.9	26687.5	3056	4.0	68.68	21977.9			

# P65V-11KV & USC 54×23



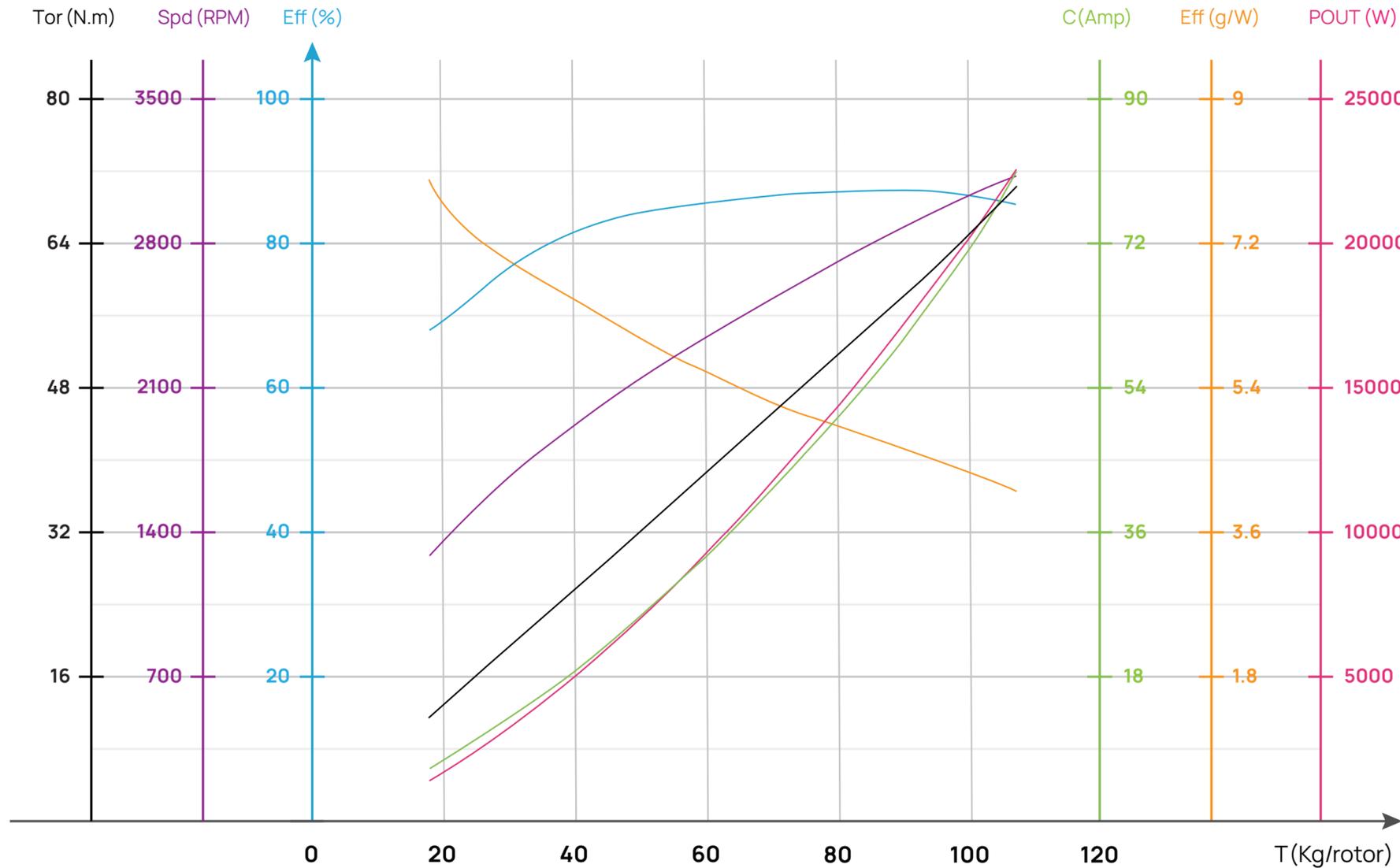
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
400V	USC 54×23	33%	22319	8.4	3376.5	1535	6.6	14.48	2326.2	92°C
		35%	25780	10.1	4026.9	1648	6.4	16.73	2885.4	
		37%	29222	11.8	4722.3	1752	6.2	18.98	3481.0	
		39%	32695	13.6	5461.0	1849	6.0	21.26	4116.3	
		42%	38040	16.6	6652.7	1988	5.7	24.75	5151.3	
		45%	43607	19.9	7952.2	2119	5.5	28.37	6295.0	
		48%	49417	23.4	9372.2	2246	5.3	32.13	7556.9	
		51%	55441	27.3	10929.8	2369	5.1	36.05	8944.8	
		54%	61615	31.6	12643.6	2490	4.9	40.13	10463.4	
		57%	67842	36.3	14524.4	2608	4.7	44.35	12108.5	
		60%	74004	41.4	16561.8	2721	4.5	48.64	13858.9	
		63%	79970	46.8	18711.8	2828	4.3	52.92	15667.8	
		66%	85600	52.2	20892.8	2924	4.1	57.02	17460.7	
		69%	90760	57.5	22995.0	3008	3.9	60.78	19143.9	
		72%	95323	62.2	24902.0	3076	3.8	64.04	20624.6	
		75%	99183	66.3	26516.3	3127	3.7	66.68	21833.4	
		78%	102257	69.4	27778.5	3163	3.7	68.66	22740.6	
81%	104500	71.7	28672.4	3186	3.6	70.01	23356.7			
84%	105906	73.0	29216.7	3199	3.6	70.81	23718.2			
100%	106569	73.7	29468.1	3204	3.6	71.18	23881.1			

# P65V-11KV & USC 54×23



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
335V	USC 54×23	33%	22590	9.7	3236.7	1538	7.0	14.65	2359.8	90°C
		35%	26107	11.6	3877.5	1650	6.7	16.95	2929.0	
		37%	29542	13.5	4537.1	1753	6.5	19.19	3522.5	
		39%	32964	15.6	5229.4	1848	6.3	21.44	4148.3	
		42%	38183	19.0	6356.3	1984	6.0	24.87	5166.3	
		45%	43607	22.7	7620.2	2115	5.7	28.45	6301.3	
		48%	49290	27.0	9045.1	2243	5.4	32.23	7571.1	
		51%	55232	31.8	10641.3	2369	5.2	36.21	8982.6	
		54%	61382	37.0	12403.1	2492	4.9	40.36	10529.1	
		57%	67654	42.7	14308.2	2610	4.7	44.60	12188.7	
		60%	73932	48.7	16319.9	2722	4.5	48.85	13924.4	
		63%	80079	54.9	18390.1	2826	4.4	53.02	15686.7	
		66%	85946	61.1	20462.6	2919	4.2	56.98	17418.1	
		69%	91383	67.1	22475.3	3001	4.1	60.65	19059.2	
		72%	96245	72.7	24360.7	3071	4.0	63.92	20553.9	
		75%	100405	77.7	26047.5	3129	3.9	66.70	21852.1	
		78%	103755	82.0	27463.9	3174	3.8	68.94	22912.3	
81%	106226	85.2	28545.3	3206	3.7	70.60	23703.3			
84%	107786	87.3	29246.2	3227	3.7	71.64	24207.5			
100%	108497	88.2	29570.4	3236	3.7	72.11	24438.5			

# P65V-11KV & MSC 64×20



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
335V	MSC 64×20	33%	21906	8.8	2954.3	1393	7.4	13.98	2039.8	87°C
		35%	24913	10.4	3470.2	1487	7.2	15.89	2473.5	
		37%	28098	12.0	4022.0	1580	7.0	17.89	2959.2	
		39%	31421	13.8	4612.3	1671	6.8	19.96	3493.3	
		42%	36585	16.7	5575.8	1802	6.6	23.19	4376.6	
		45%	41872	19.8	6636.1	1927	6.3	26.50	5346.5	
		48%	47196	23.3	7787.8	2043	6.1	29.86	6388.8	
		51%	52490	27.0	9016.5	2153	5.8	33.22	7488.5	
		54%	57701	30.8	10302.2	2255	5.6	36.55	8630.4	
		57%	62788	34.8	11623.2	2352	5.4	39.79	9799.6	
		60%	67722	38.8	12959.6	2443	5.2	42.94	10981.8	
		63%	72478	42.8	14295.7	2528	5.1	45.96	12164.5	
		66%	77041	46.8	15620.8	2607	4.9	48.85	13336.3	
		69%	81394	50.7	16928.8	2681	4.8	51.60	14488.0	
		72%	85524	54.6	18216.4	2749	4.7	54.22	15610.8	
		75%	89414	58.4	19481.5	2812	4.6	56.71	16696.8	
		78%	93041	62.1	20719.8	2868	4.5	59.06	17736.8	
		81%	96377	65.7	21921.9	2918	4.4	61.27	18719.5	
		84%	99383	69.2	23069.8	2961	4.3	63.32	19629.8	
		87%	102010	72.4	24133.2	2997	4.2	65.16	20446.9	
90%	104191	75.2	25066.8	3026	4.2	66.73	21143.1			
100%	107151	79.3	26420.1	3063	4.1	68.95	22117.6			