

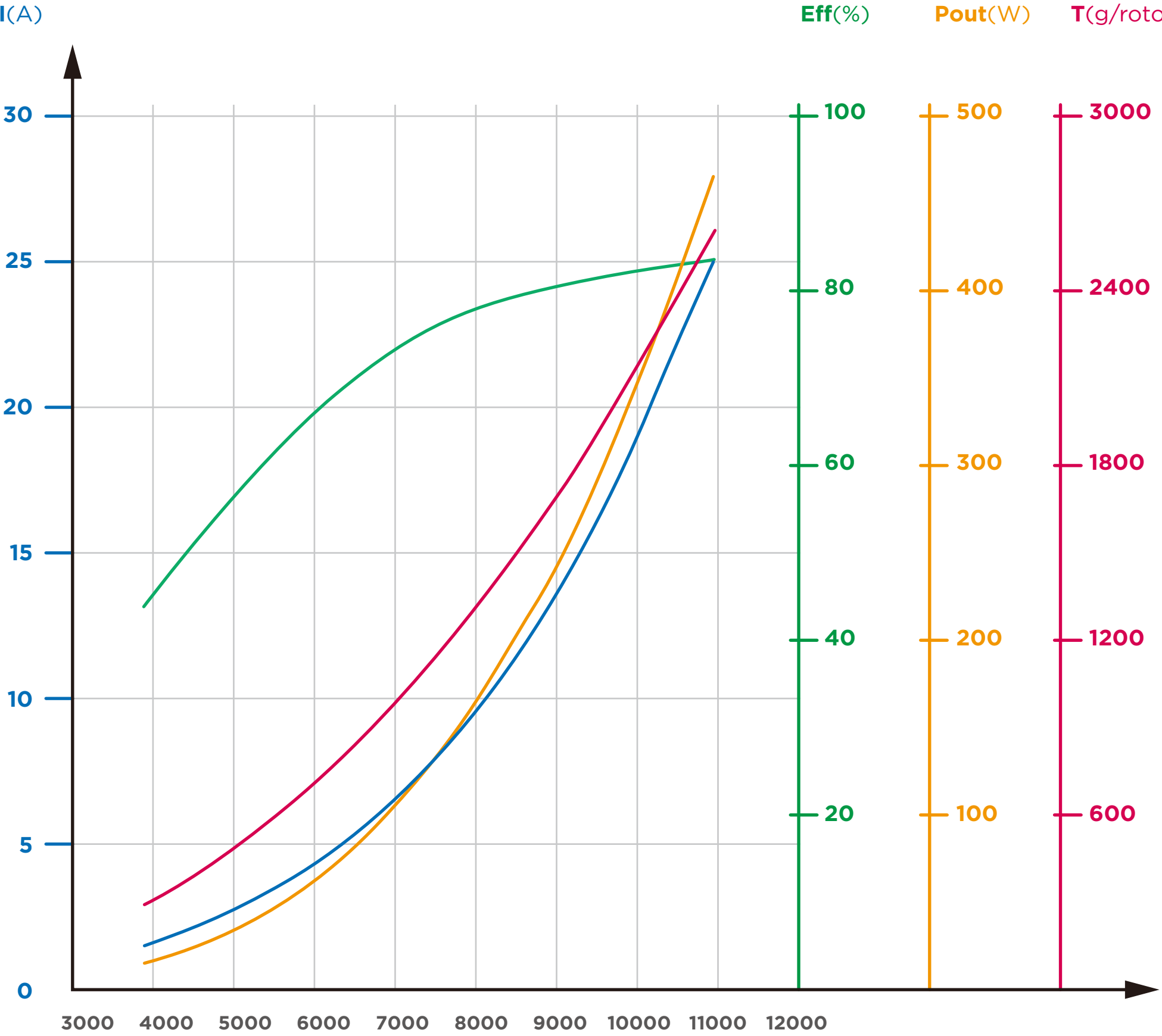


LOAD PERFORMANCE PARAMETERS

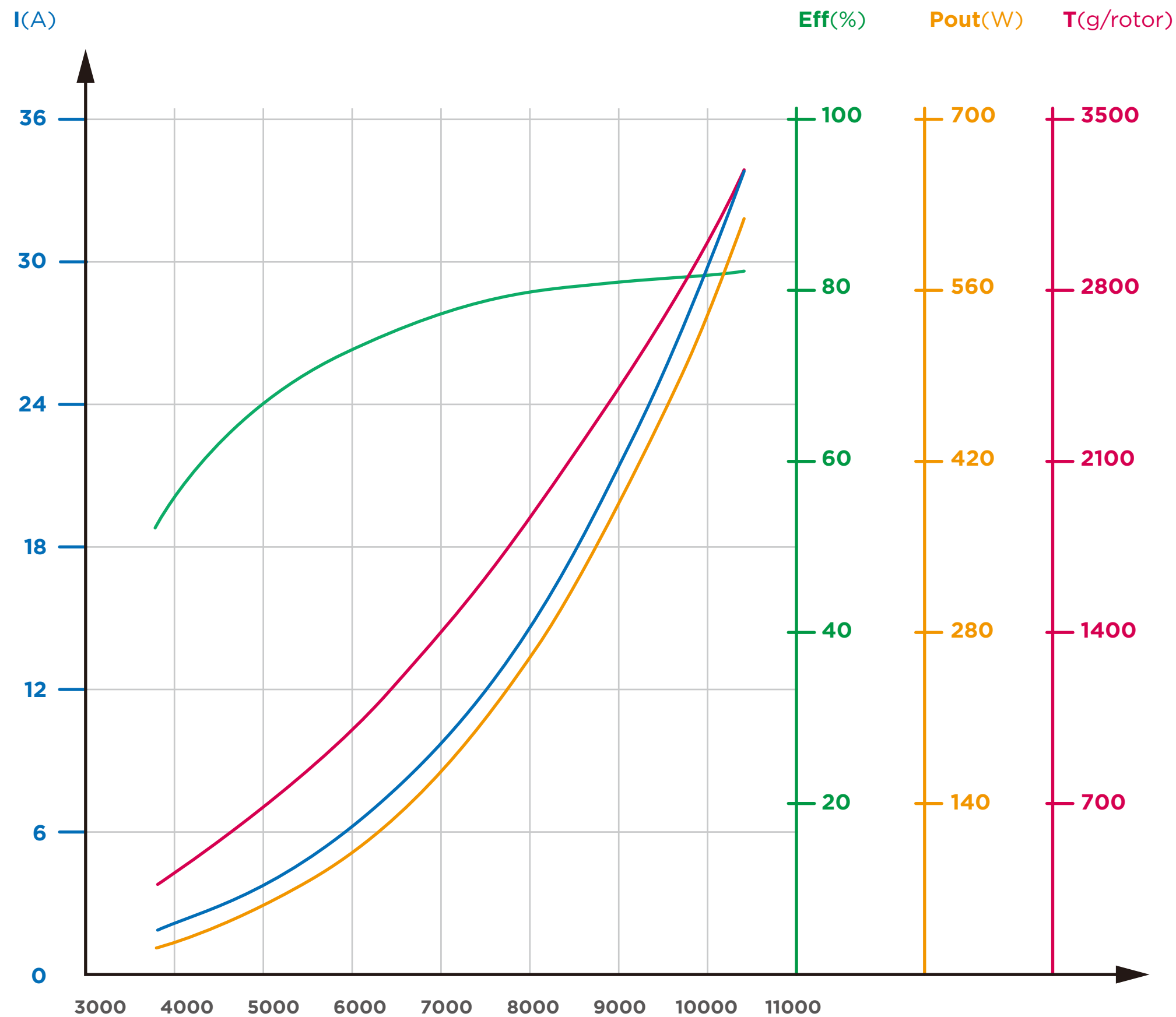
负载性能参数

SkyWalker 2820SL 550KV

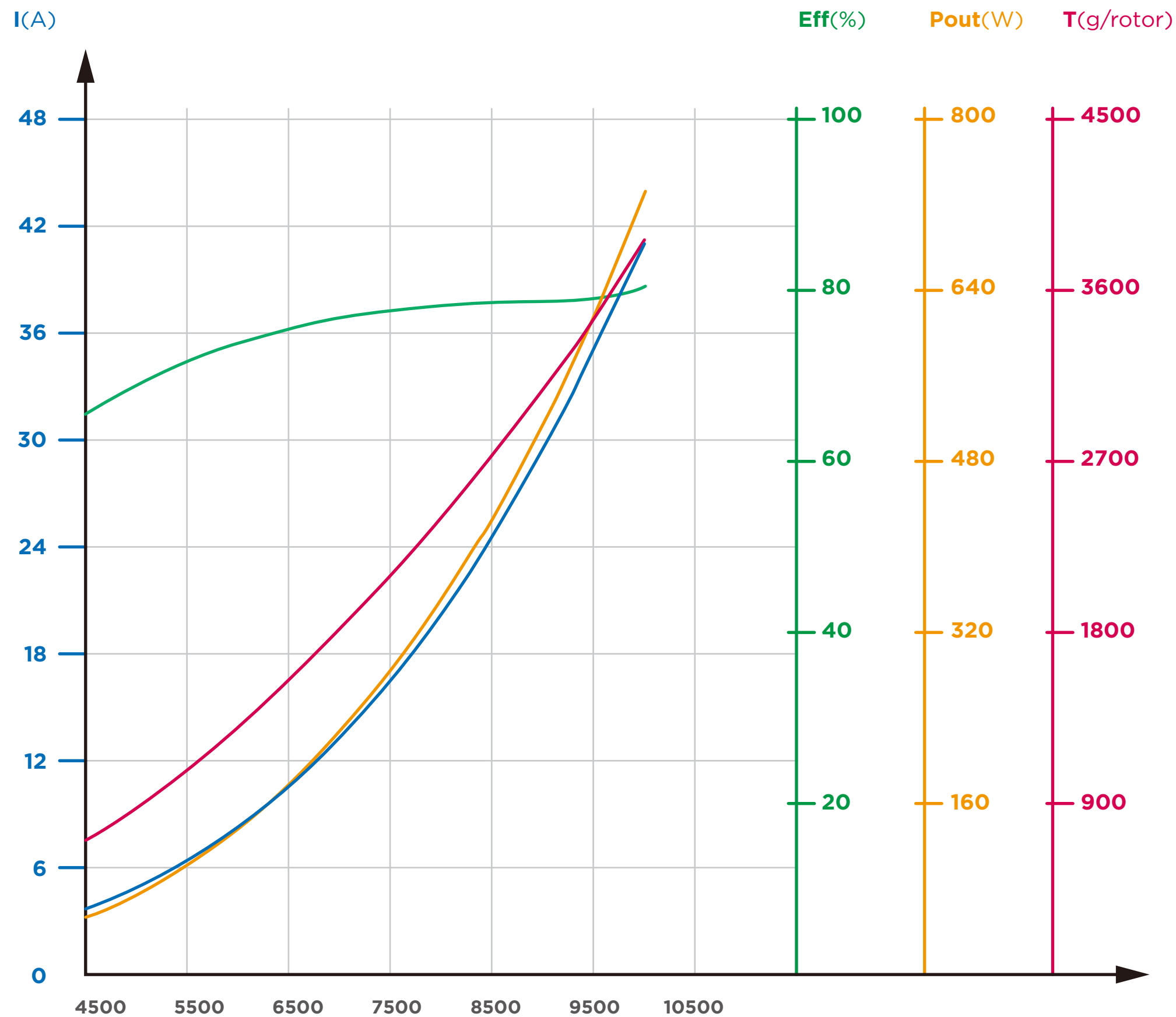
以下数据为室温 25°C、海平面高度的环境下，变化油门输入调节拉力测得。 电机温度为100%油门下电机运行10分钟温度。
Under the environment of sea level altitude, the data above is measured in room temperature of 25°C.
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC10x5E Propeller	30%	291	1.5	33.4	3907	8.7	65°C 10min
		33%	334	1.8	39.1	4170	8.5	
		36%	396	2.2	47.9	4536	8.3	
		39%	468	2.6	58.1	4921	8.1	
		42%	546	3.1	69.7	5303	7.8	
		45%	628	3.7	82.2	5671	7.6	
		48%	713	4.3	95.7	6020	7.4	
		51%	799	4.9	110.1	6350	7.3	
		54%	887	5.6	125.5	6665	7.1	
		57%	977	6.4	141.9	6969	6.9	
		60%	1069	7.2	159.7	7266	6.7	
		63%	1164	8.0	178.9	7560	6.5	
		66%	1264	9.0	200.0	7854	6.3	
		69%	1369	10.0	223.2	8151	6.1	
		72%	1480	11.2	248.7	8453	5.9	
		75%	1596	12.4	276.8	8758	5.8	
		78%	1719	13.8	307.5	9065	5.6	
		81%	1847	15.3	340.8	9368	5.4	
		84%	1978	16.9	376.3	9665	5.3	
		87%	2112	18.6	413.2	9950	5.1	
		90%	2244	20.3	450.8	10222	5.0	
		100%	2599	24.9	555.1	10958	4.7	



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC12x6E Propeller	30%	371	1.9	42.1	3807	8.8	80°C 2min15s
		33%	446	2.3	50.7	4113	8.8	
		36%	539	2.8	62.6	4473	8.6	
		39%	635	3.4	76.2	4824	8.3	
		42%	734	4.1	91.2	5164	8.0	
		45%	836	4.8	107.8	5493	7.8	
		48%	941	5.7	125.9	5812	7.5	
		51%	1048	6.5	145.6	6120	7.2	
		54%	1160	7.5	166.9	6421	6.9	
		57%	1275	8.5	190.1	6713	6.7	
		60%	1395	9.7	215.2	7000	6.5	
		63%	1519	10.9	242.5	7282	6.3	
		66%	1648	12.2	272.3	7561	6.1	
		69%	1782	13.7	304.6	7837	5.9	
		72%	1921	15.3	339.7	8113	5.7	
		75%	2065	17.0	377.9	8389	5.5	
		78%	2212	18.8	419.0	8666	5.3	
		81%	2363	20.8	463.0	8942	5.1	
		84%	2517	22.9	509.6	9217	4.9	
		87%	2672	25.1	558.0	9486	4.8	
		90%	2826	27.3	607.3	9745	4.7	
		100%	3284	33.8	751.8	10419	4.4	



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Temperature(°C) 电机机壳温度
22.2V (6S LIPO)	APC13x6.5E Propeller	30%	487	2.4	54.0	3764	9.0	80°C 46s
		33%	562	2.8	63.2	4028	8.9	
		36%	664	3.4	76.7	4359	8.7	
		39%	774	4.2	92.8	4691	8.3	
		42%	892	5.0	111.2	5017	8.0	
		45%	1015	5.9	132.0	5333	7.7	
		48%	1143	7.0	154.8	5636	7.4	
		51%	1274	8.1	179.8	5928	7.1	
		54%	1408	9.3	206.7	6210	6.8	
		57%	1545	10.6	235.7	6484	6.6	
		60%	1685	12.0	266.8	6753	6.3	
		63%	1828	13.5	300.2	7018	6.1	
		66%	1974	15.1	336.1	7280	5.9	
		69%	2125	16.8	374.7	7541	5.7	
		72%	2279	18.7	416.3	7802	5.5	
		75%	2439	20.7	461.0	8062	5.3	
		78%	2602	22.9	508.9	8320	5.1	
		81%	2770	25.2	560.2	8575	4.9	
		84%	2943	27.6	614.4	8826	4.8	
		87%	3119	30.2	671.3	9069	4.6	
		90%	3298	32.8	729.8	9305	4.5	
		100%	3860	40.9	910.2	9994	4.2	