



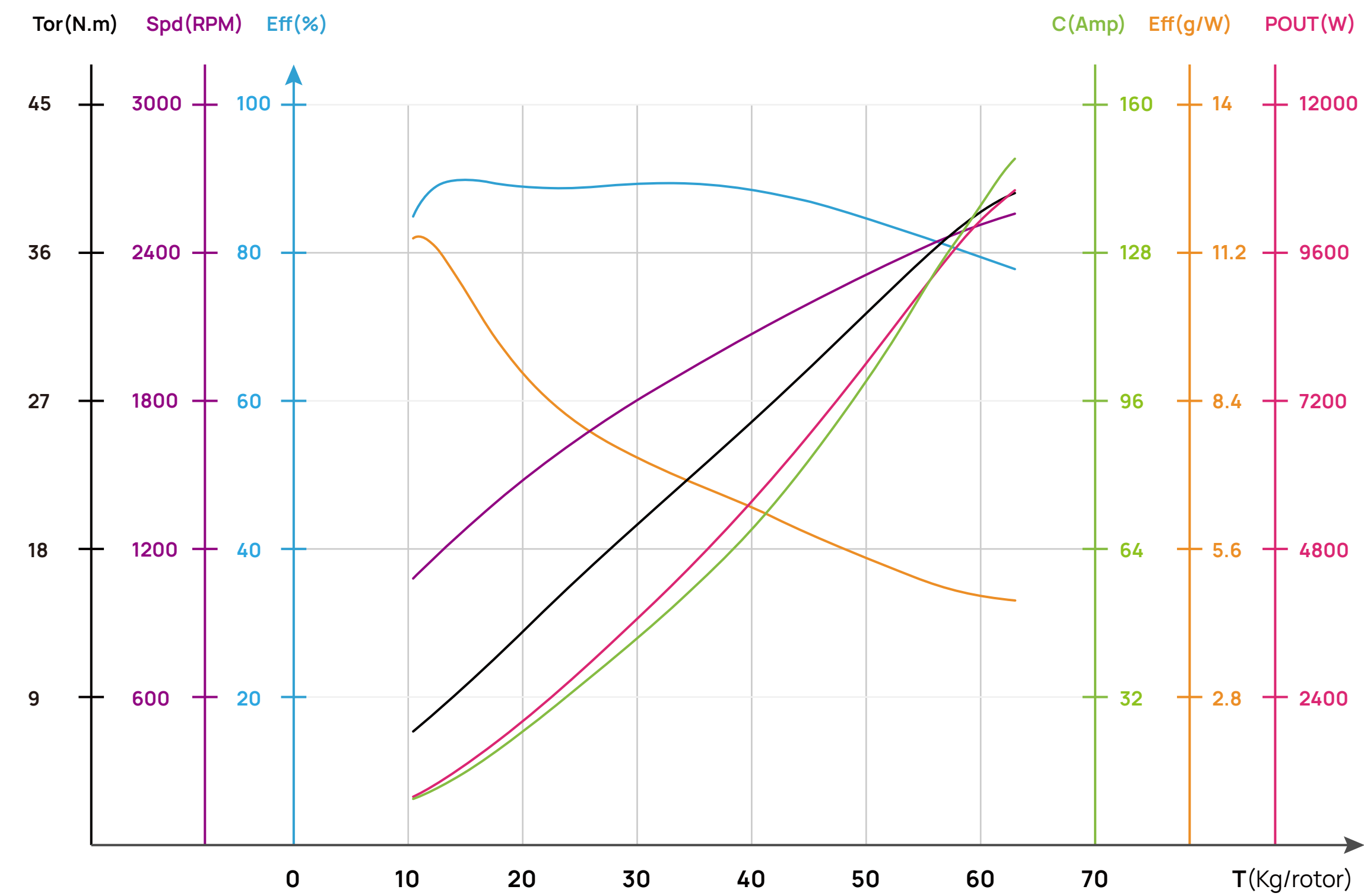
LOAD PERFORMANCE PARAMETERS

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65%油门运行10分钟数据，仅供参考。

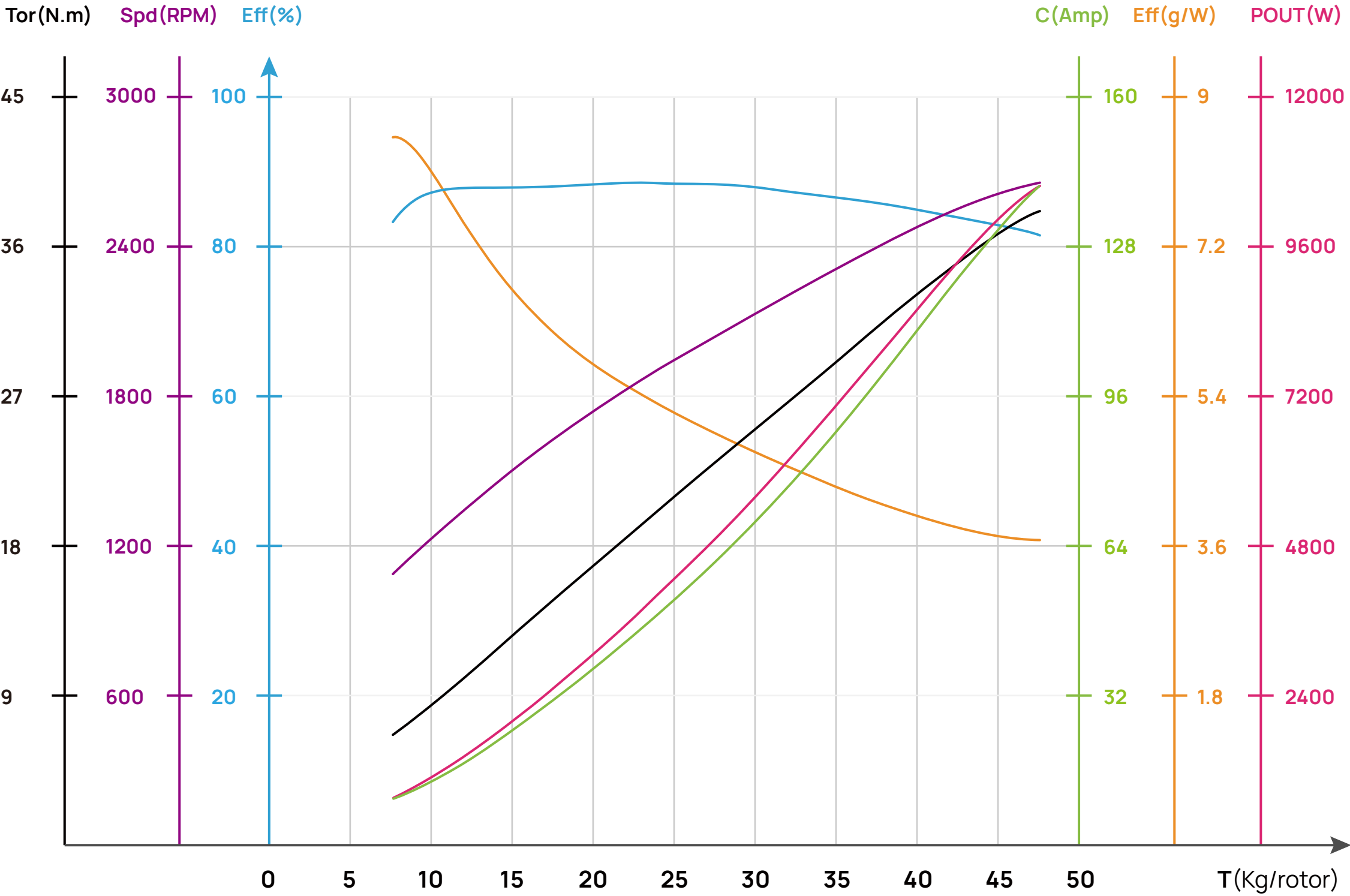
The above data is measured by HobbyWing laboratory at room temperature 25°C,
sea level, change the throttle input adjustment, the motor temperature is 65% and the throttle runs for 10 minutes, for reference only.

H13MD上轴负载性能参数



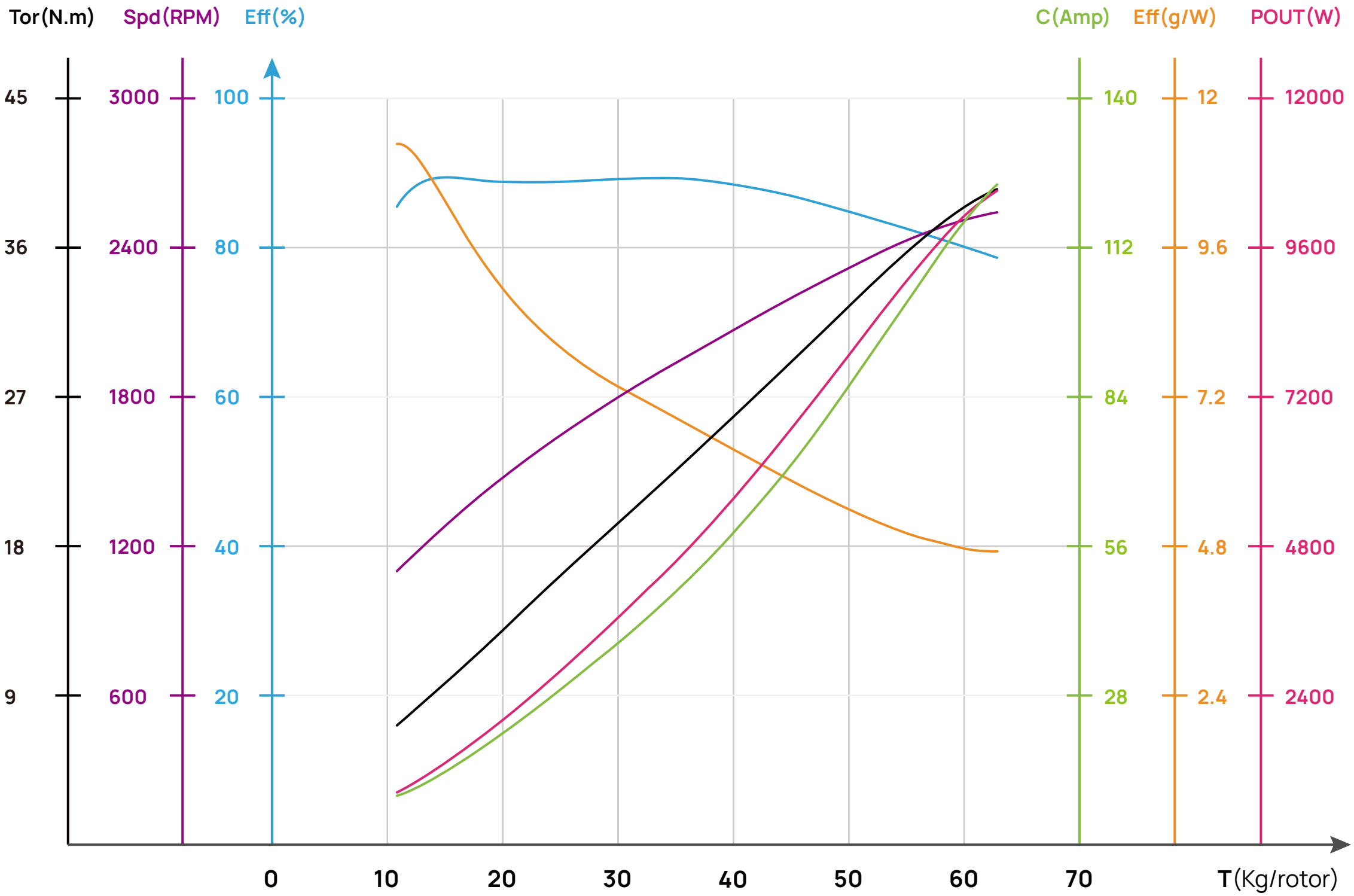
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 57x20	33%	10954	10.2	941	1092	11.6	7.1	84°C
		35%	12224	11.5	1060	1150	11.5	7.8	
		37%	13608	13.2	1218	1211	11.2	8.6	
		39%	15080	15.4	1413	1273	10.7	9.5	
		42%	17412	19.2	1765	1367	9.9	11.0	
		45%	19853	23.6	2169	1459	9.2	12.6	
		48%	22377	28.4	2610	1548	8.6	14.3	
		51%	24974	33.4	3079	1634	8.1	16.0	
		54%	27647	38.8	3573	1718	7.7	17.7	
		57%	30407	44.5	4097	1800	7.4	19.4	
		60%	33266	50.7	4662	1880	7.1	21.2	
		63%	36234	57.4	5285	1959	6.9	23.0	
		66%	39317	65.0	5987	2039	6.6	24.9	
		69%	42506	73.7	6787	2118	6.3	26.9	
		72%	45779	83.6	7699	2197	5.9	29.0	
		75%	49094	94.7	8719	2274	5.6	31.2	
		78%	52381	106.7	9817	2348	5.3	33.4	
		81%	55543	118.7	10925	2415	5.1	35.5	
		84%	58448	129.8	11949	2472	4.9	37.2	
		87%	60926	138.9	12786	2515	4.8	38.5	
		90%	62762	145.1	13357	2543	4.7	39.3	
		100%	63752	148.2	13640	2557	4.7	39.6	

H13MD下轴负载性能参数



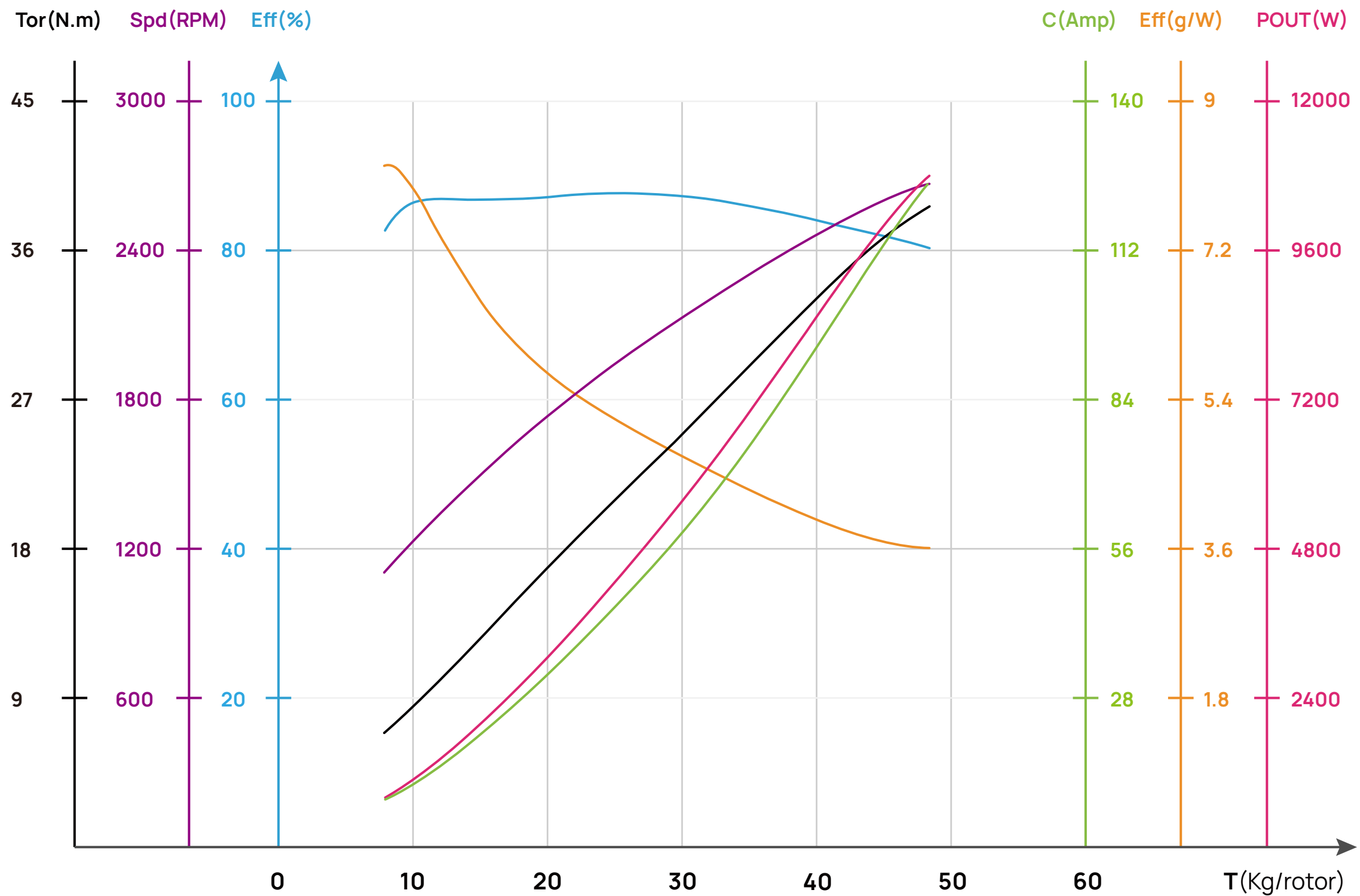
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 57x20	33%	8020	10.1	930	1100	8.6	6.8	78°C
		35%	8944	11.4	1051	1157	8.5	7.5	
		37%	9953	13.1	1204	1217	8.3	8.2	
		39%	11026	15.1	1388	1279	7.9	9.1	
		42%	12723	18.6	1714	1374	7.4	10.5	
		45%	14924	22.7	2087	1467	7.1	11.9	
		48%	16792	27.1	2497	1557	6.7	13.5	
		51%	18697	31.9	2936	1644	6.4	15.0	
		54%	20636	37.0	3401	1728	6.1	16.6	
		57%	22617	42.3	3894	1809	5.8	18.2	
		60%	24648	48.0	4420	1889	5.6	19.8	
		63%	25962	54.2	4989	1968	5.2	21.4	
		66%	28064	61.0	5609	2047	5.0	23.1	
		69%	30239	68.4	6292	2127	4.8	24.8	
		72%	32485	76.6	7046	2208	4.6	26.6	
		75%	34789	85.6	7872	2289	4.4	28.5	
		78%	37125	95.2	8761	2369	4.2	30.4	
		81%	39452	105.2	9685	2445	4.1	32.3	
		84%	41708	115.2	10598	2513	3.9	34.0	
		87%	43811	124.3	11437	2570	3.8	35.6	
		90%	45654	131.9	12135	2611	3.8	36.8	
		100%	48180	141.1	12979	2649	3.7	38.2	

H13MD上轴负载性能参数



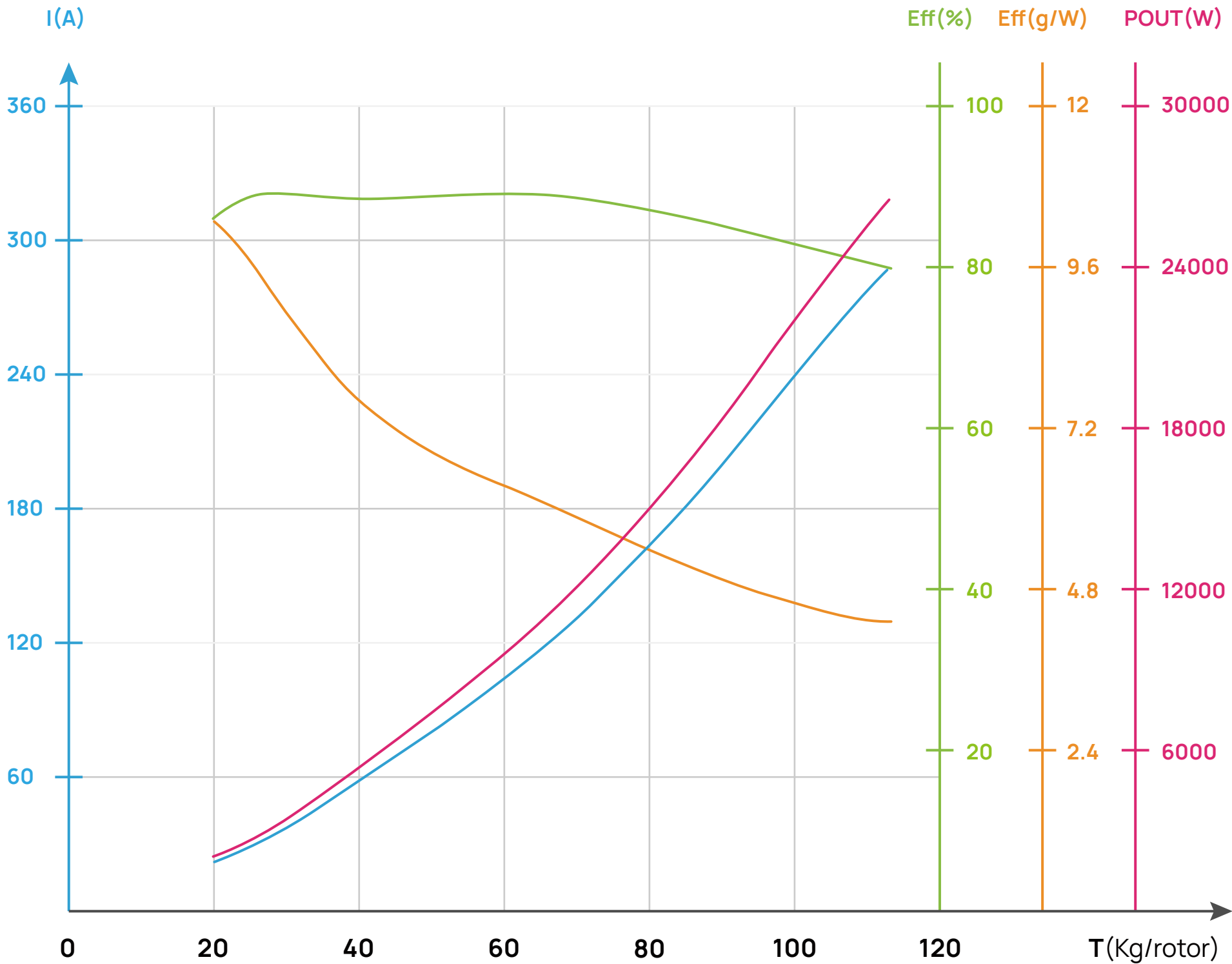
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
108V (28S LiPo)	MSC 57x20	33%	11383	9.2	997	1113	11.4	7.4	79°C
		35%	12712	10.5	1133	1173	11.2	8.1	
		37%	14164	12.1	1308	1235	10.8	9.0	
		39%	15714	14.1	1519	1299	10.3	10.0	
		42%	18178	17.5	1893	1396	9.6	11.5	
		45%	20767	21.5	2320	1491	9.0	13.2	
		48%	23449	25.8	2785	1583	8.4	14.9	
		51%	26207	30.4	3281	1671	8.0	16.7	
		54%	29035	35.2	3808	1756	7.6	18.5	
		57%	31933	40.5	4373	1839	7.3	20.3	
		60%	34905	46.2	4989	1921	7.0	22.2	
		63%	37952	52.5	5671	2001	6.7	24.1	
		66%	41069	59.6	6435	2082	6.4	26.1	
		69%	44243	67.5	7293	2162	6.1	28.2	
		72%	47447	76.3	8243	2242	5.8	30.3	
		75%	50635	85.7	9263	2317	5.5	32.4	
		78%	53739	95.4	10306	2387	5.2	34.4	
		81%	56668	104.6	11298	2445	5.0	36.2	
		84%	59299	112.5	12155	2490	4.9	37.7	
		87%	61475	118.5	12804	2520	4.8	38.7	
		90%	63000	122.3	13208	2535	4.8	39.3	
		100%	63641	123.7	13361	2540	4.8	39.6	

H13MD下轴负载性能参数



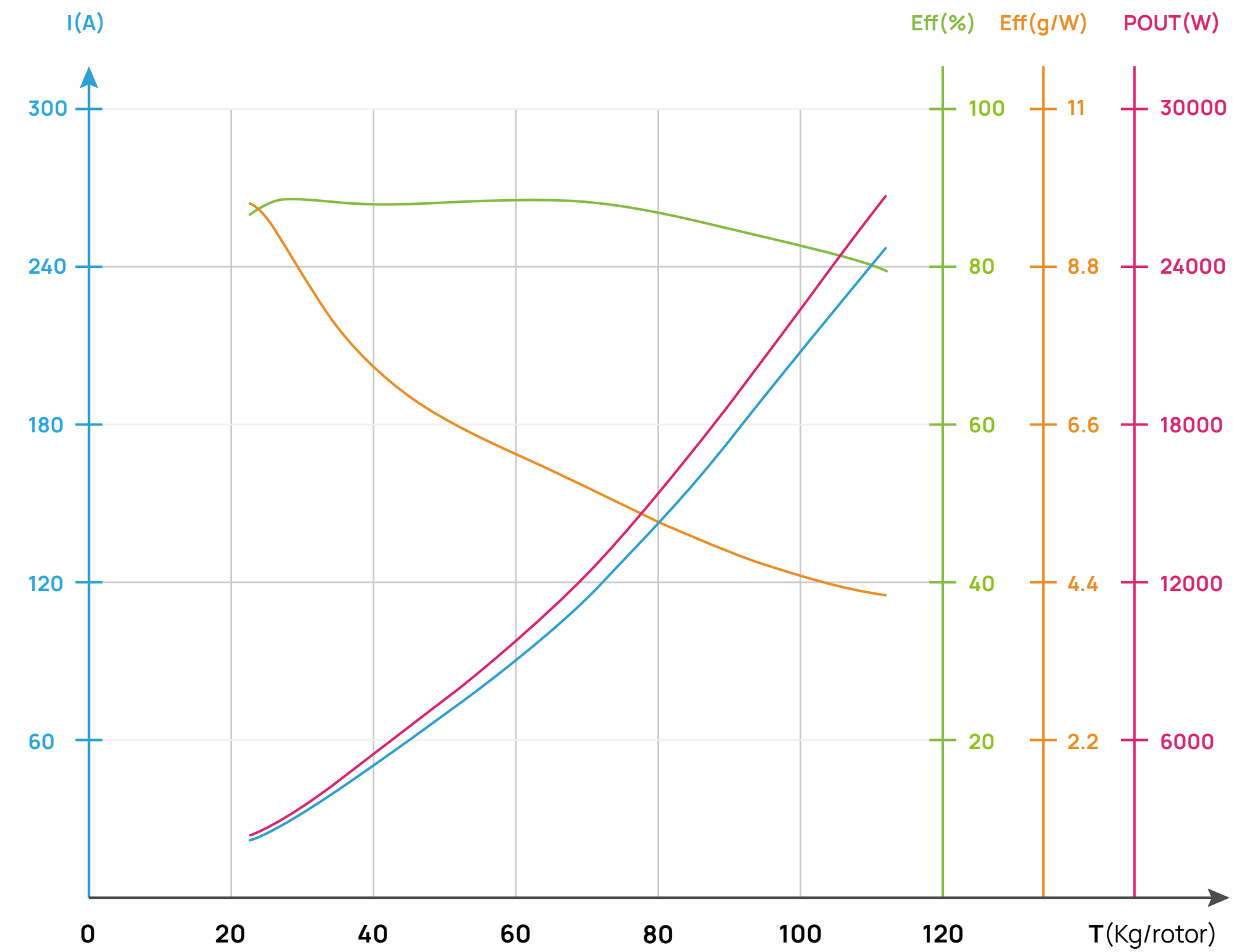
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Input Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
108V (28S LiPo)	MSC 57x20	33%	8285	9.2	995	1119	8.3	7.1	72°C
		35%	9267	10.4	1125	1176	8.2	7.8	
		37%	10336	12.0	1293	1238	8.0	8.6	
		39%	11471	13.8	1494	1301	7.7	9.5	
		42%	13261	17.1	1850	1397	7.2	11.0	
		45%	15576	20.9	2258	1493	6.9	12.5	
		48%	17540	25.0	2702	1586	6.5	14.1	
		51%	19542	29.4	3176	1675	6.2	15.7	
		54%	21582	34.0	3676	1762	5.9	17.4	
		57%	23666	38.9	4205	1846	5.6	19.0	
		60%	25806	44.2	4770	1929	5.4	20.7	
		63%	27199	49.8	5381	2010	5.1	22.4	
		66%	29417	56.0	6051	2091	4.9	24.1	
		69%	31713	62.9	6793	2173	4.7	26.0	
		72%	34080	70.5	7614	2254	4.5	27.9	
		75%	36497	78.8	8513	2334	4.3	29.8	
		78%	38929	87.7	9474	2412	4.1	31.8	
		81%	41322	96.8	10458	2485	4.0	33.6	
		84%	43598	105.6	11402	2549	3.8	35.3	
		87%	45654	113.2	12231	2601	3.7	36.7	
		90%	47358	119.2	12874	2638	3.7	37.8	
		100%	49014	124.4	13433	2667	3.6	38.6	

92V共轴负载性能参数



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	Efficiency(%) 效率	Efficiency(g/W) 力效	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
92V (24S LiPo)	MSC 57x20	33%	20407	21.6	1988	86	10.3	1709	84°C
		35%	21552	23.1	2125	87	10.1	1842	
		37%	23988	26.4	2434	88	9.9	2141	
		39%	26580	30.4	2801	89	9.5	2486	
		41%	29291	35.1	3230	89	9.1	2873	
		43%	32092	40.4	3714	89	8.6	3301	
		45%	34965	46.1	4246	89	8.2	3764	
		47%	37896	52.3	4814	88	7.9	4258	
		49%	40877	58.8	5410	88	7.6	4779	
		51%	43907	65.5	6027	88	7.3	5324	
		52%	45440	68.9	6343	88	7.2	5605	
		53%	46986	72.4	6663	88	7.1	5891	
		56%	51708	83.1	7652	89	6.8	6785	
		59%	56572	94.6	8703	89	6.5	7738	
		62%	61603	107.0	9847	89	6.3	8761	
		65%	66816	120.9	11122	89	6.0	9872	
		68%	72217	136.5	12560	88	5.7	11081	
		71%	77787	154.1	14181	87	5.5	12395	
		75%	85394	180.5	16614	86	5.1	14286	
		80%	94870	216.5	19928	84	4.8	16741	
		85%	103599	251.2	23117	82	4.5	18978	
		100%	112566	284.5	26185	80	4.3	20950	

108V共轴负载性能参数



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	Efficiency(%) 效率	Efficiency(g/W) 力效	Output Power(W) 输出功率	Temperature(°C) 电机机壳温度
108V (28S LiPo)	MSC 57x20	33%	21109	19.6	2115	86	10.0	1810	79°C
		35%	22328	20.8	2249	87	9.9	1950	
		37%	24898	23.9	2581	88	9.6	2269	
		39%	27613	27.7	2990	88	9.2	2638	
		41%	30447	32.1	3464	88	8.8	3052	
		43%	33376	36.9	3991	88	8.4	3507	
		45%	36386	42.2	4558	88	8.0	3998	
		47%	39466	47.7	5156	88	7.7	4520	
		49%	42610	53.5	5780	88	7.4	5071	
		50%	44205	56.5	6101	88	7.2	5357	
		51%	45815	59.5	6428	88	7.1	5650	
		52%	47440	62.6	6760	88	7.0	5949	
		55%	52407	72.2	7796	88	6.7	6887	
		57%	55799	78.9	8527	89	6.5	7548	
		60%	61013	89.8	9702	89	6.3	8602	
		65%	70049	110.6	11945	88	5.9	10546	
		68%	75659	124.9	13494	88	5.6	11833	
		71%	81373	140.7	15203	87	5.4	13204	
		75%	89035	163.7	17687	85	5.0	15120	
		80%	98321	193.7	20928	84	4.7	17499	
		85%	106542	221.2	23893	82	4.5	19550	
		100%	113038	243.3	26282	80	4	21077	