



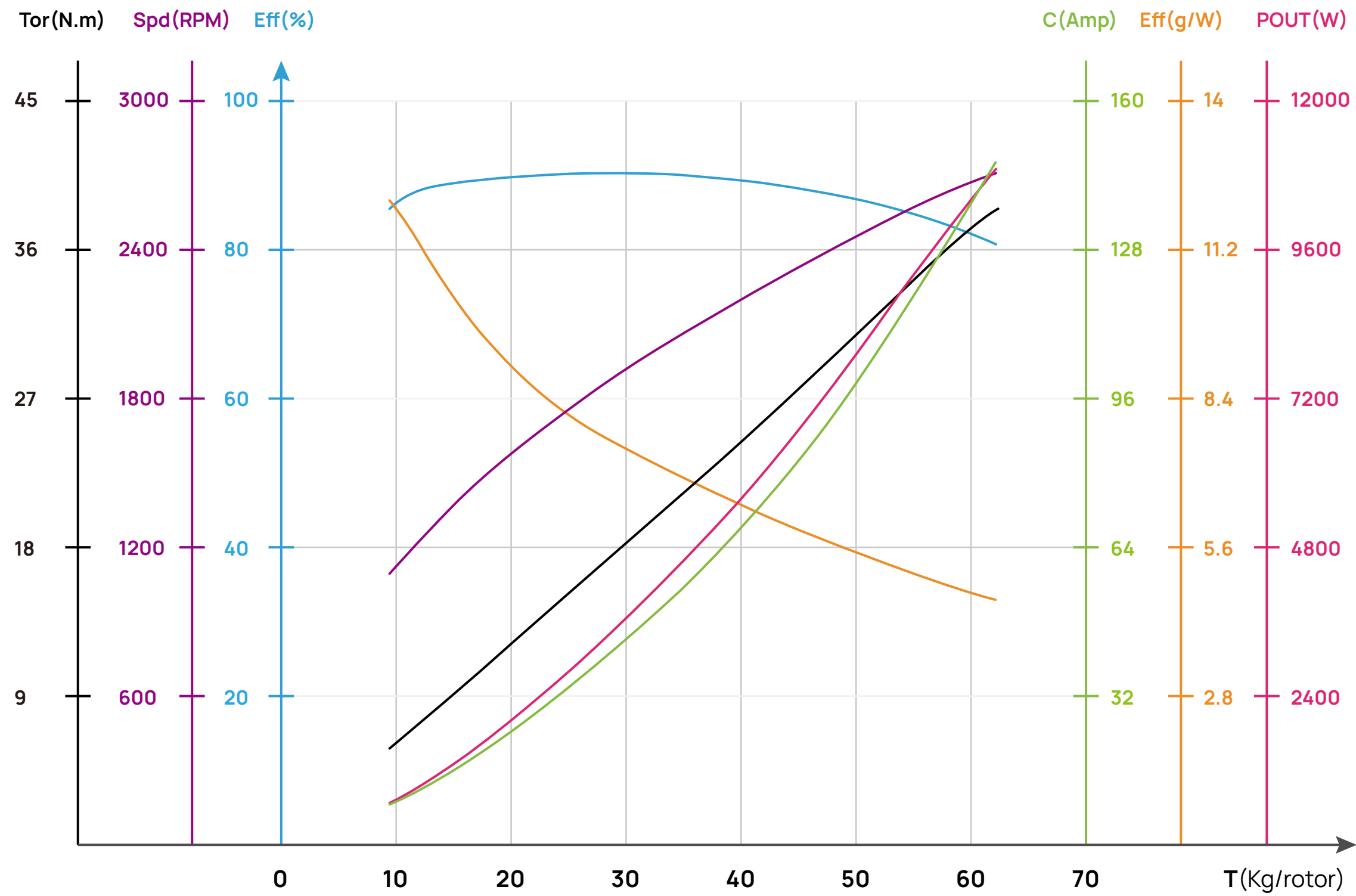
LOAD PERFORMANCE PARAMETERS

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。

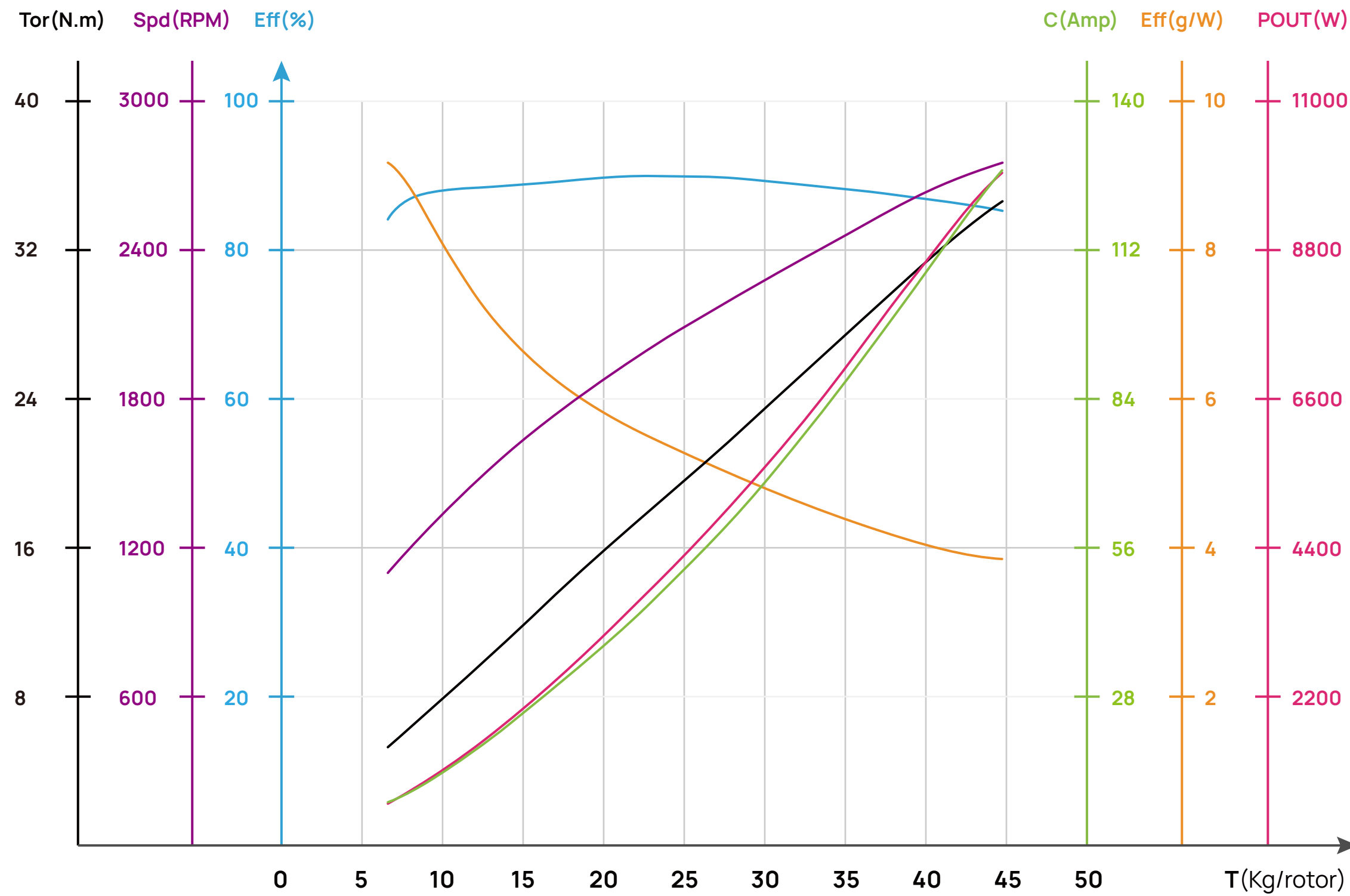
The above data is measured by HobbyWing laboratory at room temperature 25°C,
sea level, change the throttle input adjustment, the motor temperature is 65% and the throttle runs for 10 minutes, for reference only.

H13上轴负载性能参数



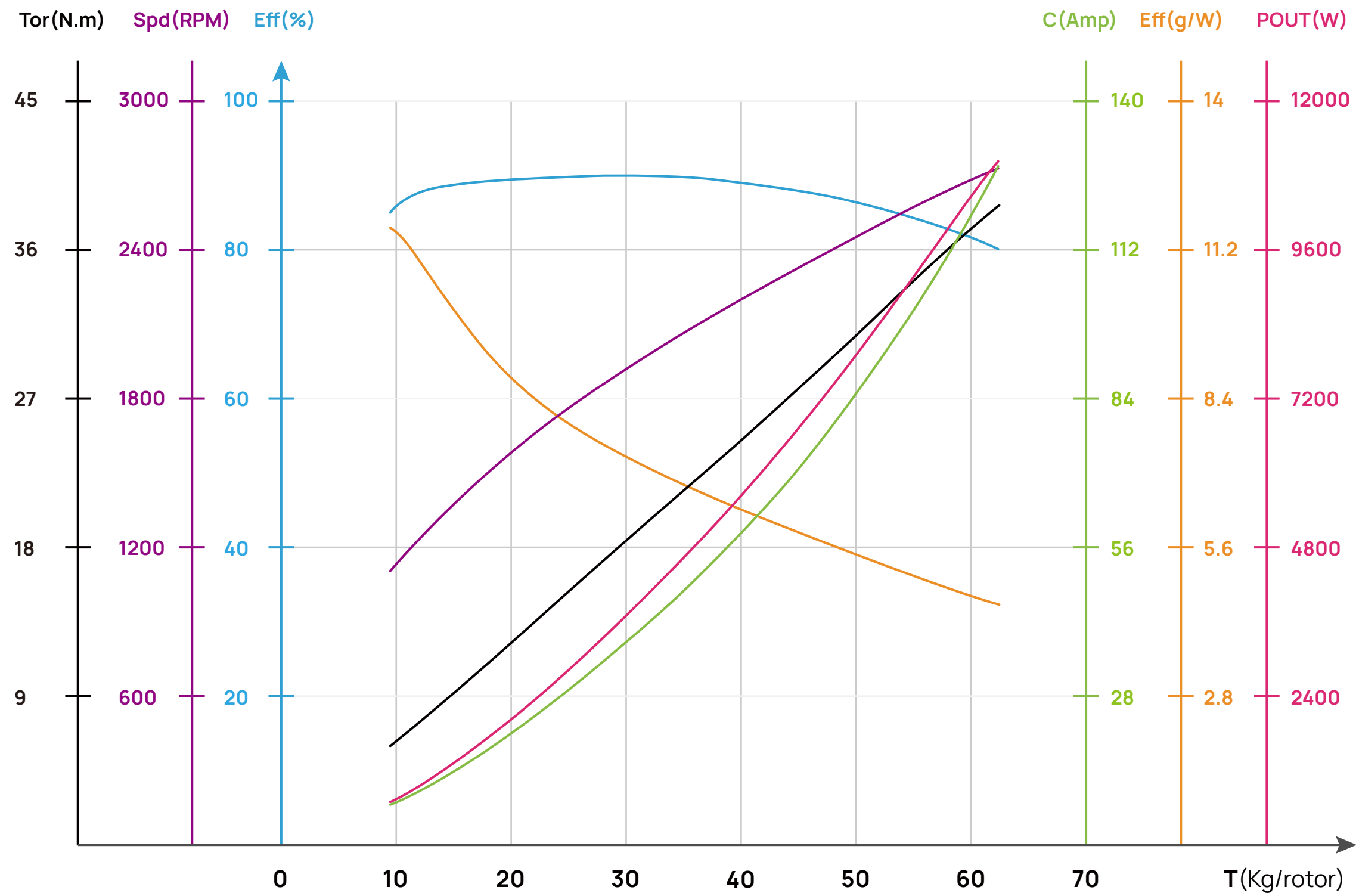
| Voltage(V) 工作电压 | Propeller 螺旋桨 | Throttle(%) 油门 | Thrust(g) 拉力 | Current(A) 电流 | Power(W) 输入功率 | Speed(RPM) 转速 | Efficiency(g/W) 效率 | Torque(N.m) 扭矩 | Temperature(°C) 电机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------------|-------------------|--------------------------|
| 92V (24S LiPo) | MP54*20" | 33% | 9582 | 8.8 | 808 | 1104 | 11.9 | 6.0 | 86°C |
| | | 35% | 10684 | 10.1 | 926 | 1164 | 11.5 | 6.6 | |
| | | 37% | 11877 | 11.6 | 1067 | 1225 | 11.1 | 7.3 | |
| | | 39% | 13145 | 13.4 | 1230 | 1288 | 10.7 | 8.1 | |
| | | 42% | 15167 | 16.4 | 1512 | 1382 | 10.0 | 9.3 | |
| | | 45% | 17829 | 20.9 | 1928 | 1475 | 9.2 | 10.6 | |
| | | 48% | 20145 | 25.1 | 2309 | 1567 | 8.7 | 12.0 | |
| | | 51% | 22563 | 29.7 | 2729 | 1656 | 8.3 | 13.5 | |
| | | 54% | 25082 | 34.6 | 3188 | 1742 | 7.9 | 15.0 | |
| | | 57% | 27704 | 40.1 | 3688 | 1828 | 7.5 | 16.5 | |
| | | 60% | 30433 | 46.0 | 4234 | 1911 | 7.2 | 18.2 | |
| | | 63% | 32301 | 50.0 | 4604 | 1994 | 7.0 | 19.9 | |
| | | 66% | 35159 | 56.9 | 5234 | 2077 | 6.7 | 21.6 | |
| | | 69% | 38111 | 64.4 | 5931 | 2160 | 6.4 | 23.5 | |
| | | 72% | 41140 | 72.8 | 6704 | 2242 | 6.1 | 25.4 | |
| | | 75% | 44215 | 82.1 | 7555 | 2322 | 5.9 | 27.4 | |
| | | 78% | 47295 | 92.1 | 8479 | 2401 | 5.6 | 29.4 | |
| | | 81% | 50319 | 102.8 | 9458 | 2475 | 5.3 | 31.5 | |
| | | 84% | 53208 | 113.6 | 10457 | 2543 | 5.1 | 33.4 | |
| | | 87% | 55863 | 124.1 | 11424 | 2602 | 4.9 | 35.2 | |
| 90% | 58159 | 133.5 | 12292 | 2649 | 4.7 | 36.6 | | | |
| 100% | 61293 | 146.7 | 13505 | 2706 | 4.5 | 38.4 | | | |

H13下轴负载性能参数



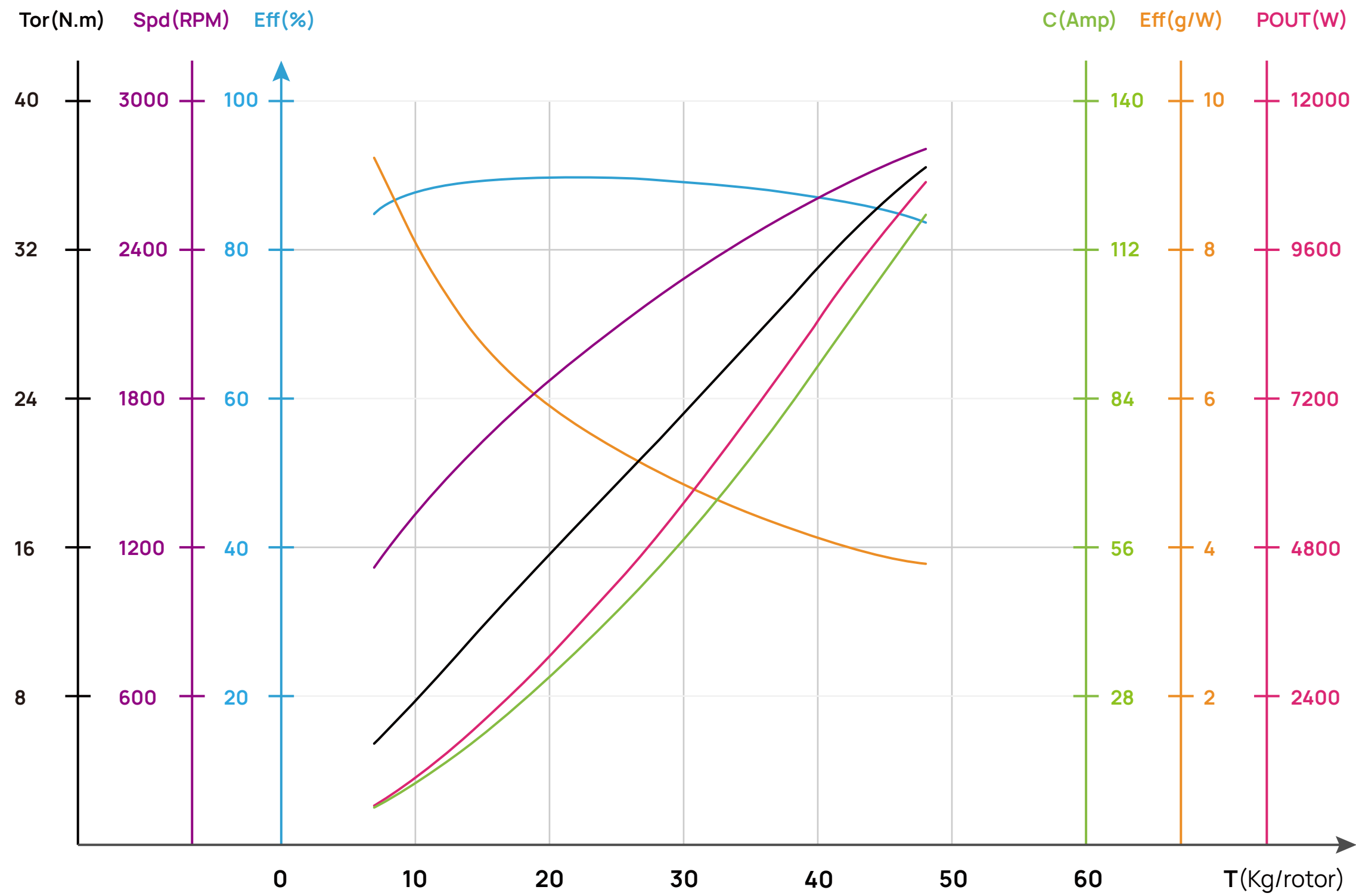
| Voltage(V) 工作电压 | Propeller 螺旋桨 | Throttle(%) 油门 | Thrust(g) 拉力 | Current(A) 电流 | Power(W) 输入功率 | Speed(RPM) 转速 | Efficiency(g/W) 效率 | Torque(N·m) 扭矩 | Temperature(°C) 电机机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------------|-------------------|---------------------------|
| 92V (24S LiPo) | MP54*20" | 33% | 6729 | 8.1 | 747 | 1113 | 9.0 | 5.4 | 79°C |
| | | 35% | 7533 | 9.3 | 855 | 1171 | 8.8 | 6.0 | |
| | | 37% | 8401 | 10.7 | 986 | 1232 | 8.5 | 6.7 | |
| | | 39% | 9318 | 12.4 | 1140 | 1294 | 8.2 | 7.4 | |
| | | 42% | 10767 | 15.3 | 1408 | 1390 | 7.6 | 8.5 | |
| | | 45% | 12503 | 20.1 | 1852 | 1484 | 6.8 | 9.7 | |
| | | 48% | 14102 | 24.1 | 2218 | 1577 | 6.4 | 11.0 | |
| | | 51% | 15756 | 28.4 | 2615 | 1667 | 6.0 | 12.3 | |
| | | 54% | 18433 | 34.7 | 3190 | 1754 | 5.8 | 13.7 | |
| | | 57% | 19246 | 37.2 | 3427 | 1838 | 5.6 | 15.1 | |
| | | 60% | 21102 | 41.8 | 3850 | 1922 | 5.5 | 16.5 | |
| | | 63% | 22639 | 45.7 | 4202 | 2004 | 5.4 | 18.0 | |
| | | 66% | 24641 | 51.6 | 4753 | 2086 | 5.2 | 19.6 | |
| | | 69% | 26737 | 58.3 | 5364 | 2168 | 5.0 | 21.2 | |
| | | 72% | 28919 | 65.7 | 6043 | 2252 | 4.8 | 22.9 | |
| | | 75% | 31169 | 73.8 | 6793 | 2336 | 4.6 | 24.7 | |
| | | 78% | 33457 | 82.7 | 7609 | 2421 | 4.4 | 26.5 | |
| 81% | 35735 | 92.0 | 8468 | 2504 | 4.2 | 28.4 | | | |
| 84% | 37941 | 101.4 | 9331 | 2580 | 4.1 | 30.1 | | | |
| 87% | 39988 | 110.2 | 10139 | 2646 | 3.9 | 31.7 | | | |
| 90% | 41769 | 117.7 | 10829 | 2696 | 3.9 | 33.0 | | | |
| 100% | 44117 | 126.9 | 11675 | 2747 | 3.8 | 34.6 | | | |

H13上轴负载性能参数



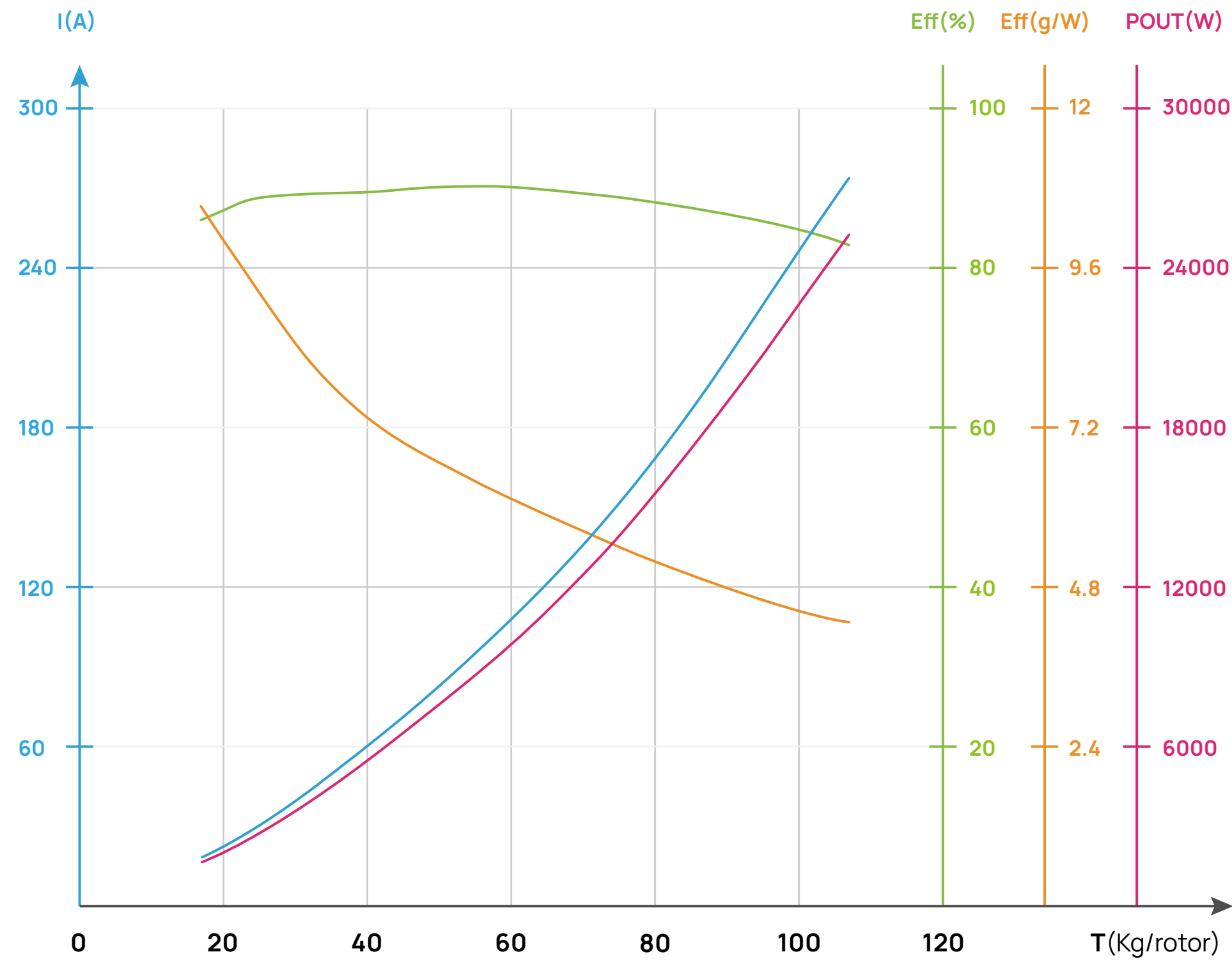
| Voltage(V) 工作电压 | Propeller 螺旋桨 | Throttle(%) 油门 | Thrust(g) 拉力 | Current(A) 电流 | Power(W) 输入功率 | Speed(RPM) 转速 | Efficiency(g/W) 效率 | Torque(N.m) 扭矩 | Temperature(°C) 电机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------------|-------------------|--------------------------|
| 108V (28S LiPo) | MP54*20" | 33% | 9651 | 7.8 | 847 | 1123 | 11.4 | 6.2 | 80°C |
| | | 35% | 10859 | 9.0 | 977 | 1186 | 11.1 | 6.8 | |
| | | 37% | 12132 | 10.4 | 1129 | 1250 | 10.7 | 7.6 | |
| | | 39% | 13465 | 12.1 | 1304 | 1314 | 10.3 | 8.4 | |
| | | 42% | 15570 | 14.9 | 1606 | 1410 | 9.7 | 9.7 | |
| | | 45% | 17796 | 18.1 | 1955 | 1505 | 9.1 | 11.1 | |
| | | 48% | 20140 | 21.7 | 2347 | 1599 | 8.6 | 12.5 | |
| | | 51% | 22601 | 25.7 | 2781 | 1691 | 8.1 | 14.1 | |
| | | 54% | 25178 | 30.1 | 3257 | 1781 | 7.7 | 15.7 | |
| | | 57% | 27870 | 34.9 | 3776 | 1868 | 7.4 | 17.4 | |
| | | 60% | 30670 | 40.2 | 4341 | 1954 | 7.1 | 19.1 | |
| | | 63% | 33572 | 45.9 | 4958 | 2038 | 6.8 | 20.9 | |
| | | 66% | 36561 | 52.1 | 5633 | 2121 | 6.5 | 22.7 | |
| | | 69% | 39617 | 59.0 | 6373 | 2203 | 6.2 | 24.6 | |
| | | 72% | 42711 | 66.5 | 7184 | 2283 | 5.9 | 26.5 | |
| | | 75% | 45803 | 74.7 | 8066 | 2363 | 5.7 | 28.5 | |
| | | 78% | 48844 | 83.4 | 9009 | 2440 | 5.4 | 30.5 | |
| | | 81% | 51771 | 92.5 | 9992 | 2512 | 5.2 | 32.5 | |
| | | 84% | 54506 | 101.6 | 10980 | 2578 | 5.0 | 34.3 | |
| | | 87% | 56958 | 110.3 | 11918 | 2634 | 4.8 | 35.9 | |
| 90% | 59017 | 117.9 | 12743 | 2679 | 4.6 | 37.2 | | | |
| 100% | 61552 | 127.7 | 13798 | 2730 | 4.5 | 38.7 | | | |

H13下轴负载性能参数



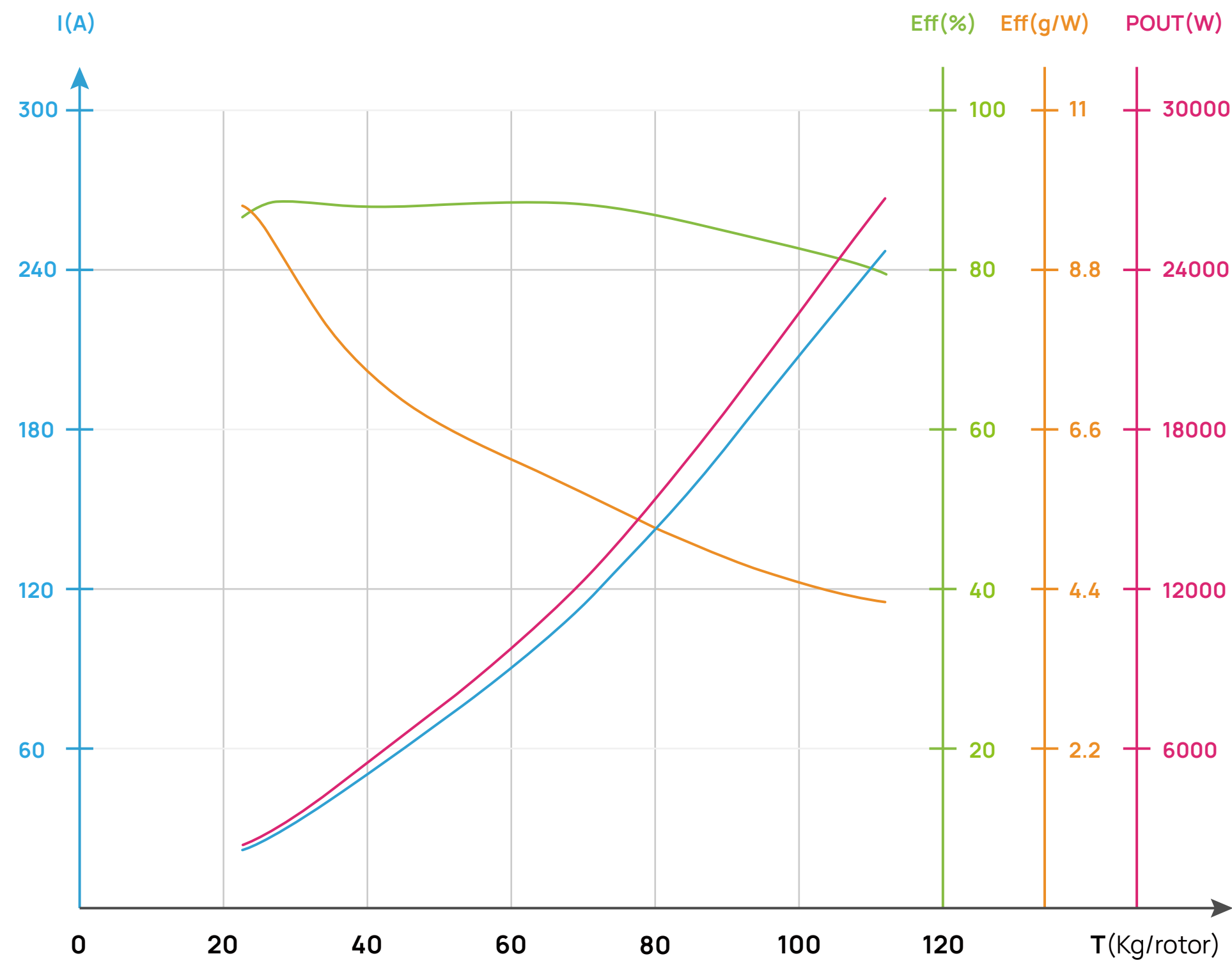
| Voltage(V) 工作电压 | Propeller 螺旋桨 | Throttle(%) 油门 | Thrust(g) 拉力 | Current(A) 电流 | Power(W) 输入功率 | Speed(RPM) 转速 | Efficiency(g/W) 效率 | Torque(N.m) 扭矩 | Temperature(°C) 电机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|------------------|-----------------------|-------------------|--------------------------|
| 108V (28S LiPo) | MP54*20" | 33% | 7010 | 7.2 | 777 | 1131 | 9.0 | 5.6 | 74°C |
| | | 35% | 7814 | 8.3 | 897 | 1191 | 8.7 | 6.2 | |
| | | 37% | 8709 | 9.6 | 1040 | 1254 | 8.4 | 6.9 | |
| | | 39% | 9674 | 11.2 | 1205 | 1320 | 8.0 | 7.6 | |
| | | 42% | 11221 | 13.8 | 1490 | 1419 | 7.5 | 8.8 | |
| | | 45% | 12852 | 16.8 | 1815 | 1517 | 7.1 | 10.1 | |
| | | 48% | 14543 | 20.1 | 2175 | 1612 | 6.7 | 11.5 | |
| | | 51% | 16284 | 23.8 | 2567 | 1704 | 6.3 | 12.9 | |
| | | 54% | 18074 | 27.7 | 2990 | 1793 | 6.0 | 14.3 | |
| | | 57% | 19919 | 31.9 | 3448 | 1880 | 5.8 | 15.7 | |
| | | 60% | 21831 | 36.5 | 3946 | 1966 | 5.5 | 17.2 | |
| | | 63% | 23820 | 41.6 | 4488 | 2051 | 5.3 | 18.7 | |
| | | 66% | 25898 | 47.1 | 5084 | 2135 | 5.1 | 20.3 | |
| | | 69% | 28070 | 53.1 | 5739 | 2221 | 4.9 | 22.0 | |
| | | 72% | 30336 | 59.8 | 6459 | 2306 | 4.7 | 23.8 | |
| | | 75% | 32683 | 67.1 | 7247 | 2390 | 4.5 | 25.6 | |
| | | 78% | 35087 | 75.0 | 8096 | 2471 | 4.3 | 27.6 | |
| | | 81% | 37507 | 83.2 | 8990 | 2549 | 4.2 | 29.5 | |
| | | 84% | 39884 | 91.6 | 9897 | 2620 | 4.0 | 31.3 | |
| | | 87% | 42136 | 99.8 | 10774 | 2682 | 3.9 | 33.0 | |
| 90% | 44158 | 107.1 | 11563 | 2733 | 3.8 | 34.4 | | | |
| 100% | 47351 | 118.3 | 12775 | 2802 | 3.7 | 36.4 | | | |

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 | Power(W) 输入功率 | Efficiency(%) 效率 | Efficiency(g/W) 力效 | Temperature(°C) 电机机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|---------------------|-----------------------|---------------------------|
| 92V (24S LiPo) | MP54*20" | 33% | 17501 | 18.1 | 1667 | 86 | 10.5 | 86°C |
| | | 35% | 18490 | 19.5 | 1794 | 86 | 10.3 | |
| | | 37% | 20581 | 22.5 | 2066 | 87 | 10.0 | |
| | | 39% | 22800 | 25.8 | 2372 | 88 | 9.6 | |
| | | 41% | 25125 | 29.5 | 2719 | 89 | 9.2 | |
| | | 43% | 27541 | 33.8 | 3109 | 89 | 8.9 | |
| | | 45% | 30036 | 38.5 | 3539 | 89 | 8.5 | |
| | | 47% | 32603 | 43.5 | 4005 | 89 | 8.1 | |
| | | 49% | 35239 | 48.9 | 4502 | 89 | 7.8 | |
| | | 51% | 37944 | 54.6 | 5028 | 89 | 7.5 | |
| | | 53% | 40718 | 60.6 | 5580 | 89 | 7.3 | |
| | | 55% | 45125 | 71.8 | 6339 | 90 | 6.8 | |
| | | 58% | 47982 | 77.9 | 7170 | 90 | 6.7 | |
| | | 61% | 52586 | 87.8 | 8076 | 90 | 6.5 | |
| | | 63% | 55764 | 95.6 | 8795 | 90 | 6.3 | |
| | | 65% | 59031 | 103.9 | 9565 | 90 | 6.2 | |
| | | 68% | 64093 | 117.7 | 10830 | 90 | 5.9 | |
| | | 71% | 69330 | 133.0 | 12241 | 89 | 5.7 | |
| | | 75% | 76515 | 156.0 | 14359 | 89 | 5.3 | |
| | | 80% | 85567 | 188.2 | 17316 | 87 | 4.9 | |
| 85% | 94162 | 221.5 | 20384 | 86 | 4.6 | | | |
| 100% | 106991 | 273.6 | 25177 | 83 | 4.2 | | | |

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 | Power(W) 输入功率 | Efficiency(%) 效率 | Efficiency(g/W) 力效 | Temperature(°C) 电机机壳温度 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------|---------------------|-----------------------|---------------------------|
| 108V (28S LiPo) | MP54*20" | 33% | 17914 | 16.2 | 1746 | 85.8 | 10.3 | 80°C |
| | | 35% | 18957 | 17.4 | 1883 | 86.2 | 10.1 | |
| | | 37% | 21158 | 20.2 | 2178 | 87.1 | 9.7 | |
| | | 39% | 23491 | 23.2 | 2510 | 87.9 | 9.4 | |
| | | 41% | 25937 | 26.7 | 2885 | 88.5 | 9.0 | |
| | | 43% | 28482 | 30.6 | 3303 | 88.9 | 8.6 | |
| | | 45% | 31114 | 34.8 | 3762 | 89.1 | 8.3 | |
| | | 46% | 32460 | 37.1 | 4006 | 89.2 | 8.1 | |
| | | 48% | 35211 | 41.8 | 4520 | 89.3 | 7.8 | |
| | | 51% | 39477 | 49.6 | 5353 | 89.5 | 7.4 | |
| | | 53% | 42414 | 55.1 | 5947 | 89.6 | 7.1 | |
| | | 55% | 45426 | 60.8 | 6573 | 89.7 | 6.9 | |
| | | 58% | 50091 | 70.1 | 7573 | 89.8 | 6.6 | |
| | | 61% | 54935 | 80.2 | 8659 | 89.8 | 6.3 | |
| | | 63% | 58266 | 87.4 | 9439 | 89.7 | 6.2 | |
| | | 65% | 61676 | 95.1 | 10270 | 89.6 | 6.0 | |
| | | 68% | 66931 | 107.6 | 11623 | 89.3 | 5.8 | |
| | | 71% | 72332 | 121.4 | 13115 | 88.8 | 5.5 | |
| | | 75% | 79680 | 141.8 | 15320 | 88.0 | 5.2 | |
| | | 80% | 88845 | 169.9 | 18358 | 86.7 | 4.8 | |
| 85% | 97474 | 198.9 | 21491 | 85.1 | 4.5 | | | |
| 100% | 110511 | 245.8 | 26556 | 81.7 | 4.2 | | | |