



# LOAD PERFORMANCE PARAMETERS

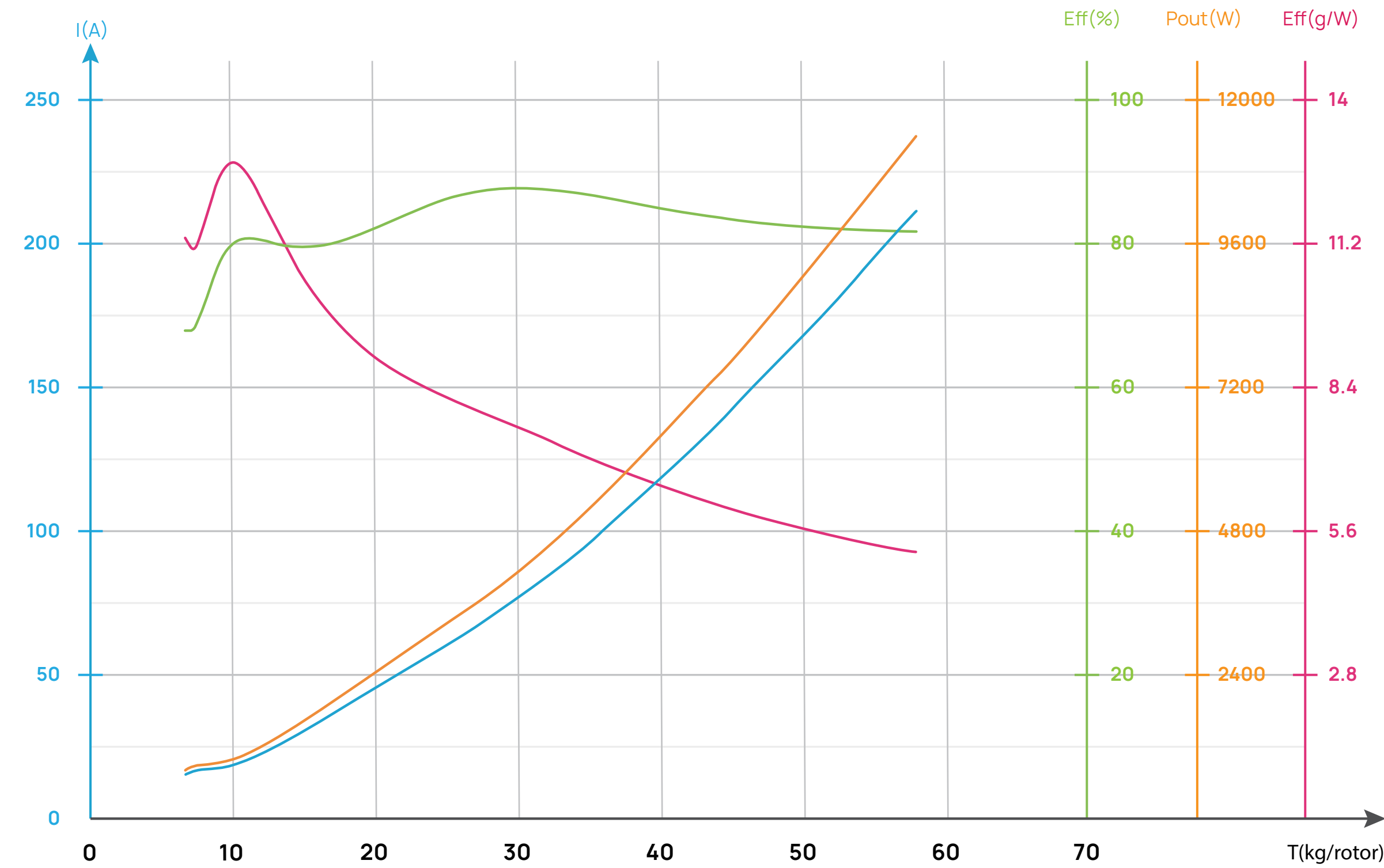
## 负载性能参数

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65%油门下电机运行10分钟温度。

Under the environment of sea level altitude, the data below 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.

# H11MD & MFC 48×17.5



| Voltage(V)<br>工作电压 | Propeller<br>螺旋桨 | Throttle(%)<br>油门 | Thrust(g)<br>拉力 | Current(A)<br>电流 | Power Input(W)<br>输入功率 | Efficiency(%)<br>效率 | Power Output(W)<br>输出功率 |
|--------------------|------------------|-------------------|-----------------|------------------|------------------------|---------------------|-------------------------|
| 54V<br>(14S LiPo)  | MFC 48×17.5      | 32%               | 7464            | 12.2             | 659.1                  | 68                  | 447                     |
|                    |                  | 34%               | 8465            | 13.8             | 747.1                  | 70                  | 522                     |
|                    |                  | 36%               | 9379            | 14.2             | 769.1                  | 75                  | 578                     |
|                    |                  | 38%               | 10406           | 15.1             | 813.8                  | 79                  | 646                     |
|                    |                  | 40%               | 11633           | 17.0             | 920.7                  | 81                  | 744                     |
|                    |                  | 42%               | 13072           | 20.3             | 1097.7                 | 80                  | 883                     |
|                    |                  | 44%               | 14692           | 24.7             | 1334.8                 | 80                  | 1064                    |
|                    |                  | 46%               | 16448           | 29.9             | 1614.2                 | 80                  | 1286                    |
|                    |                  | 48%               | 18295           | 35.5             | 1918.2                 | 80                  | 1544                    |
|                    |                  | 50%               | 20200           | 41.3             | 2234.0                 | 82                  | 1829                    |
|                    |                  | 52%               | 22146           | 47.3             | 2556.0                 | 84                  | 2138                    |
|                    |                  | 54%               | 24139           | 53.4             | 2887.0                 | 85                  | 2464                    |
|                    |                  | 56%               | 26198           | 59.9             | 3236.8                 | 87                  | 2809                    |
|                    |                  | 58%               | 28354           | 67.0             | 3621.0                 | 88                  | 3175                    |
|                    |                  | 60%               | 30642           | 75.1             | 4057.4                 | 88                  | 3570                    |
|                    |                  | 63%               | 34388           | 89.6             | 4845.9                 | 87                  | 4231                    |
|                    |                  | 66%               | 38536           | 107.8            | 5824.7                 | 86                  | 5000                    |
|                    |                  | 69%               | 43007           | 129.2            | 6983.7                 | 84                  | 5883                    |
|                    |                  | 72%               | 47563           | 152.7            | 8251.9                 | 83                  | 6849                    |
|                    |                  | 75%               | 51814           | 175.7            | 9496.8                 | 82                  | 7813                    |
|                    |                  | 78%               | 55276           | 195.1            | 10543.0                | 82                  | 8642                    |
|                    |                  | 100%              | 57481           | 207.0            | 11183.7                | 82                  | 9136                    |