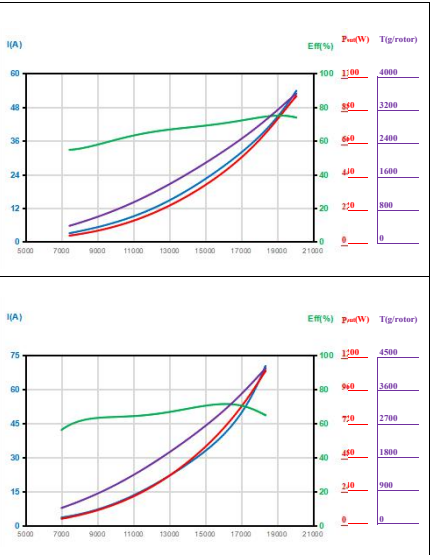


XRotor-3110 1150KV Specification(规格)

|                                     |             |
|-------------------------------------|-------------|
| Rated Voltage(LiPo)<br>工作额定电压(LiPo) | 4-6S        |
| No-Load Current<br>空载电流             | 2.8A/24V    |
| Rated power output<br>额定输出功率        | 270W        |
| Maximum Current<br>最大电流             | 69A/6s      |
| Maximum power<br>最大功率               | 1650W/6s    |
| Maximum propeller pull<br>最大螺旋桨拉力   | 4126g       |
| Motor Size<br>电机尺寸                  | Φ37.2 *27mm |
| Shaft Diameter<br>出轴直径              | D5+M5       |
| Shaft Length<br>出轴长度                | 16mm        |
| Screw Diameter / Thread<br>底座螺纹     | Φ19mm-4*MM3 |

|                                               |                           |
|-----------------------------------------------|---------------------------|
| KV<br>KV值                                     | 1150KV                    |
| Resistance<br>相间内阻                            | 45mΩ                      |
| Motor Weight<br>电机重量                          | 88g                       |
| Pole/Slot<br>槽极数                              | 12N14P                    |
| Motor Lead Type<br>线号                         | 18AWG                     |
| Motor Lead Length<br>出线长度                     | 250mm                     |
| Enamelled Wire Insulation<br>Class<br>漆包线绝缘等级 | 耐220℃高温 C级                |
| Recommended ESC<br>推荐电调                       | Xrotor FPV-G2-65A-4in EGS |
| Propeller<br>螺旋桨                              | 6S:H08x4x3;H09x4x3        |

Load Performance  
负载性能参数



| 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(W)<br>输入功率 | Speed(RPM)<br>转速 | Efficiency(g/W)<br>效率 | Recommended full load<br>continuous running time<br>推荐满载油门连续运行时间 |
|--------------------|----------------------|--------------------|-----------------|------------------|------------------|------------------|-----------------------|------------------------------------------------------------------|
| 24V<br>(6S LIPO)   | H08x4x3<br>Propeller | 40%                | 623             | 5.5              | 132              | 9203             | 4.70                  | 19s                                                              |
|                    |                      | 50%                | 997             | 9.8              | 235              | 11309            | 4.24                  |                                                                  |
|                    |                      | 60%                | 1379            | 14.9             | 358              | 13051            | 3.86                  |                                                                  |
|                    |                      | 70%                | 1832            | 21.7             | 522              | 14853            | 3.51                  |                                                                  |
|                    |                      | 80%                | 2432            | 31.6             | 758              | 16966            | 3.21                  |                                                                  |
|                    |                      | 90%                | 3116            | 44.2             | 1061             | 18980            | 2.94                  |                                                                  |
|                    |                      | 100%               | 3523            | 53.9             | 1291             | 20074            | 2.73                  |                                                                  |
| 24V<br>(6S LIPO)   | H09x4x3<br>Propeller | 40%                | 785             | 6.4              | 154              | 8732             | 5.09                  | 6s                                                               |
|                    |                      | 50%                | 1301            | 12.8             | 307              | 10880            | 4.24                  |                                                                  |
|                    |                      | 60%                | 1748            | 19.1             | 459              | 12409            | 3.81                  |                                                                  |
|                    |                      | 70%                | 2240            | 26.5             | 636              | 13909            | 3.52                  |                                                                  |
|                    |                      | 80%                | 2949            | 38.4             | 921              | 15809            | 3.20                  |                                                                  |
|                    |                      | 90%                | 3793            | 58.1             | 1392             | 17645            | 2.73                  |                                                                  |
|                    |                      | 100%               | 4126            | 69.1             | 1656             | 18295            | 2.49                  |                                                                  |

The above data is measured at room temperature 25°C and sea level height. If the throttle input adjustment tensile force is measured, the full-load full throttle running time should be controlled, otherwise there is a risk of burning the motor.  
(以上数据为室温 25°C、海平面高度的环境下变化油门输入调节拉力测得 应控制满载油门运行时间 否则有烧毁电机的危险。)

