

## X8 动力套技术参数

### 动力套参数 All-in-one thrust system specification

|                                               |                   |                                                    |                                                                                       |
|-----------------------------------------------|-------------------|----------------------------------------------------|---------------------------------------------------------------------------------------|
| 产品型号<br>Model                                 | X8                | 最大拉力<br>Max Thrust                                 | 15kg                                                                                  |
| 单轴推荐拉力<br>Recommended takeoff weight per axis | 5-7kg             | 推荐拉力力效<br>Efficiency of recommended takeoff weight | 8.7-6.9g/W                                                                            |
| 电压范围<br>Input voltage                         | 18-54V            | 额定电压<br>Rated voltage                              | 12S-46V                                                                               |
| 适配锂电池<br>Lithium compatible                   | 12S (LiPo)        | 适用碳管直径<br>Tube outer diameter                      | 35/40mm                                                                               |
| 动力套重量 (含线、桨)<br>Weight (with cable and Props) | 1150g             | 线材规格<br>Cable specification                        | 电源线: 12AWG*905±10mm 信号线: 915±10mm<br>Power cord: 12AWG*905±10mm Signal line: 915±10mm |
| 适用环境温度<br>Operating temperature               | -20~50°C          | 防尘防水等级<br>Ingress Protection                       | IPX6                                                                                  |
| 额定输入功率<br>Rated power input                   | 950W              | 额定输出功率<br>Rated power output                       | 810W                                                                                  |
| 尺寸<br>Size                                    | 143.1*90.2*78.5mm | 线序<br>Pinout                                       | 黑白-油门、GND, 黑红白-GND、5V、P<br>Black White-PWM、GND, Black Red White-GND、5V、P              |

### 电调技术参数 ESC specification

|                                       |                   |                                |                           |
|---------------------------------------|-------------------|--------------------------------|---------------------------|
| 产品型号<br>Model                         | XRotor 80A-FOC    | 通讯方式<br>Communication protocol | UART                      |
| 最大电流<br>Peak current (30 seconds)     | 80A (30s)         | 持续电流<br>Continuous current     | 20A                       |
| 油门行程校准<br>Throttle travel calibration | 不支持<br>Nonsupport | 双油门<br>Double throttle signal  | 无(需定制)<br>No( Customized) |
| PWM脉宽<br>Operating pulse width        | 1100-1940μs       | BEC                            | 无<br>No                   |

### 电机技术参数 Motor specification

|                         |            |                   |        |
|-------------------------|------------|-------------------|--------|
| 产品型号<br>Model           | 8120-100KV | 槽极数<br>Slot& Pole | 36N40P |
| 电机外直径<br>Motor diameter | Φ88.6mm    |                   |        |

### 桨叶参数 Propeller specification

|                           |                                        |                        |        |
|---------------------------|----------------------------------------|------------------------|--------|
| 产品型号<br>Model             | 30*11"                                 | 总重量<br>Total Weight    | 191±5g |
| 主要材质<br>Material of Props | 碳塑<br>Carbon fiber reinforced plastics | 单片桨叶重量<br>Sigal Weight | 51±5g  |

\*由于批次差异, 重量存在差异。以实物为准。

The weight of the products may vary between different batches. The actual product shall prevail.