

# X8-G2 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-G2                                                                                   | 最大拉力<br>Max thrust                                 | 17.5kg (54V, 海平面)<br>17.5kg (54V, Sea level)                          |
| 单轴推荐拉力<br>Recommended takeoff weight per axis | 5-7.5kg(海平面, Sea level)                                                                 | 推荐拉力力效<br>Efficiency of recommended takeoff weight | 9.7-8.4g/W                                                            |
| 电压范围<br>Input voltage                         | 18-63V                                                                                  | 额定电压<br>Rated voltage                              | 12S-46V<br>14S-54V                                                    |
| 适配锂电池<br>Lithium compatible                   | 12S-14S (LiPo)                                                                          | 适用碳管直径<br>Tube outer diameter                      | D35/40mm                                                              |
| 动力套重量 (含线、桨)<br>Weight (with cable and Props) | 1095g*                                                                                  | 线材规格<br>Cable specification                        | 电源线: 905 mm 信号线: 1150 mm<br>Power cable: 905 mm Signal cable: 1150 mm |
| 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                   | 830W                                                                                    | 额定输出功率<br>Rated power output                       | 730W                                                                  |
| 线序<br>Pinout                                  | 黑-GND, 白-PWM; 黄-GND, 灰-CH, 绿-CL<br>Black-GND, White-PWM & Yellow-GND, Gray-CH, Green-CL |                                                    |                                                                       |

## 电调技术参数 ESC specification

|                                       |                   |                                  |                 |
|---------------------------------------|-------------------|----------------------------------|-----------------|
| 产品型号<br>Model                         | XRotor 80A-FOC    | 通讯方式<br>Communication protocol   | Cyphal (UAVCAN) |
| 最大电流<br>Peak current (3 seconds)      | 80A (3s)          | 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    | PWM+CAN         |
| PWM脉宽<br>Operating pulse width        | 1050-1950µs       | 故障存储+日志<br>Failure storage & Log | 支持<br>Support   |

## 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 | 88.6 mm    |                   |        |

## 桨叶参数 Propeller specification

### 3011S高速桨 High speed propeller (默认 Default)

|                           |                                        |                         |        |
|---------------------------|----------------------------------------|-------------------------|--------|
| 产品型号<br>Model             | 30*11"S                                | 总重量<br>Total Weight     | 193g*  |
| 主要材质<br>Material of Props | 碳塑<br>Carbon fiber reinforced plastics | 单片桨叶重量<br>Single Weight | 54.5g* |

### 3011桨 Normall propeller (选配 Optional)

|                           |                                        |                         |        |
|---------------------------|----------------------------------------|-------------------------|--------|
| 产品型号<br>Model             | 30*11"                                 | 总重量<br>Total Weight     | 188g*  |
| 主要材质<br>Material of Props | 碳塑<br>Carbon fiber reinforced plastics | 单片桨叶重量<br>Single Weight | 51.6g* |

\*存在误差, 以实物为准。本产品有两款桨叶可选, 主3011S高速桨叶。  
Subject to the actual product.