

# X13 动力套技术参数

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

|                                               |            |                                                    |                                                                                             |
|-----------------------------------------------|------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|
| 产品型号<br>Model                                 | X13        | 最大拉力<br>Max Thrust                                 | 57 kg                                                                                       |
| 单轴推荐拉力<br>Recommended takeoff weight per axis | 25-27 kg   | 推荐拉力力效<br>Efficiency of recommended takeoff weight | 8.2-8.6 g/W                                                                                 |
| 电压范围<br>Input voltage                         | 38~78.3 V  | 额定电压<br>Rated voltage                              | 18S-70 V                                                                                    |
| 适配锂电池<br>Lithium compatible                   | 18S (LiPo) | 适用碳管直径<br>Tube outer diameter                      | 50 mm                                                                                       |
| 动力套重量 (含线、桨)<br>Weight (with cable and Props) | 4087 g     | 线材规格<br>Cable specification                        | 电源线: 12AWG*1440±20mm 信号线: 1640±20mm<br>Power cable: 12AWG*1440±20mm Signal cable: 1640±20mm |
| 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                   | 3500 W     | 额定输出功率<br>Rated power output                       | 2900 W                                                                                      |

## 电调技术参数 ESC specification

|                                      |                      |                                |                 |
|--------------------------------------|----------------------|--------------------------------|-----------------|
| 额定电压<br>Rated voltage                | 18S-70V              | 通讯方式<br>Communication protocol | UAVCAN          |
| 最大电流<br>Peak current (3s)            | 200 A (3s)           | 持续电流<br>Continuous current     | 80 A            |
| 油门行程校准<br>Throttle range calibration | 不支持<br>Not supported | 双油门<br>Throttle Source         | PWM+CAN         |
| PWM脉宽<br>Operating pulse width       | 1050-1950 µs         | 故障存储<br>Fault storage          | 支持<br>Supported |

## 电机技术参数 Motor specification

|                     |             |                         |          |
|---------------------|-------------|-------------------------|----------|
| KV值<br>KV           | 45 KV       | 槽极数<br>Slot & Pole      | 36N42P   |
| 定子尺寸<br>Stator size | 156 * 23 mm | 电机外直径<br>Motor diameter | 147.9 mm |

## 桨叶参数 Propeller specification

|                            |                                                                 |                             |        |
|----------------------------|-----------------------------------------------------------------|-----------------------------|--------|
| 产品型号<br>Model              | MFP 56x20                                                       | 总重量<br>Total weight         | 805 g* |
| 主要材质<br>Material of blades | 碳纤维增强尼龙复合材料<br>Carbon fibre-reinforced nylon composite material | 单支重量<br>Single blade weight | 292 g* |

\*存在误差，以实物为准。

\*Subject to the actual product.