

## X6 SE动力套技术参数

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

|                                               |                               |                                                    |                                                                                             |
|-----------------------------------------------|-------------------------------|----------------------------------------------------|---------------------------------------------------------------------------------------------|
| 产品型号<br>Model                                 | X6 SE-280KV                   | 最大拉力<br>Max Thrust                                 | 6 kg                                                                                        |
| 单轴推荐拉力<br>Recommended takeoff weight per axis | 2.2 kg (海平面高度)<br>(Sea level) | 推荐拉力力效<br>Efficiency of recommended takeoff weight | 10 g/W                                                                                      |
| 电压范围<br>Input voltage                         | 9-27 V                        | 额定电压<br>Rated voltage                              | 23 V                                                                                        |
| 适配锂电池<br>Lithium compatible                   | 6S (LiPo)                     | 适用碳管直径<br>Tube outer diameter                      | 25 mm                                                                                       |
| 动力套重量 (含线、桨)<br>Weight (with cable and Props) | 373±5 g                       | 线材规格<br>Cable specification                        | 电源线: 16AWG*450±10 mm 信号线: 570±10 mm<br>Power cable: 16AWG*450±10 mm Signal cable: 570±10 mm |
| 适用环境温度<br>Operating temperature               | -20~50°C                      | 防尘防水等级<br>Ingress Protection                       | IP43                                                                                        |
| 额定输入功率<br>Rated power input                   | 22 W                          | 额定输出功率<br>Rated power output                       | 18 W                                                                                        |

### 电调技术参数 ESC specification

|                                       |                       |                                    |                 |
|---------------------------------------|-----------------------|------------------------------------|-----------------|
| 额定电压<br>Rated voltage                 | 6S-23 V               | 通讯方式<br>Communication protocol     | Cyphal (UAVCAN) |
| 电调尺寸<br>ESC size                      | 55mm*25 mm (PCB)      | 重量 (不含线)<br>Weight (without cable) | 15 g            |
| 最大电流<br>Peak current (3s)             | 60 A (3s)             | 持续电流<br>Continuous current         | 30 A            |
| 油门行程校准<br>Throttle travel calibration | 不支持<br>Nont supported | 双油门<br>Double throttle signal      | PWM+CAN         |
| PWM脉宽<br>Operating pulse width        | 1100-1940 µs          | 故障存储<br>Failure storage            | 支持<br>Supported |

### 电机技术参数 Motor specification

|                         |           |                         |         |
|-------------------------|-----------|-------------------------|---------|
| KV值<br>KV               | 280 KV    | 槽极数<br>Slot & Pole      | 24N28P  |
| 定子尺寸<br>Stator diameter | 62 * 8 mm | 电机外直径<br>Motor diameter | 68.9 mm |

### 桨叶参数 Propeller specification

|                            |                                                                |                       |                                                                |
|----------------------------|----------------------------------------------------------------|-----------------------|----------------------------------------------------------------|
| 产品型号<br>Model              | MFP 22×7.0                                                     | 单支重量<br>weight        | 66 g                                                           |
| 主要材质<br>Material of blades | 碳纤维增强尼龙复合材料<br>Carbonfibre-reinforced nylon composite material | 安装尺寸<br>Mounting size | D18-2*M3&D20-2*M3, 中心孔 D8<br>D18-2*M3&D20-2*M3, centre hole D8 |