

## P50M 动力套装技术参数

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

产品型号 Model	P50M	最大拉力 Max Thrust	104 kg
单轴推荐拉力 Recommended takeoff weight per axis	50 kg	推荐拉力力效 Efficiency of recommended takeoff weight	7.1 g/W
电压范围 Input voltage	315~450V	额定电压 Rated voltage	400V
适配锂电池 Lithium compatible	96~107S (LiPo)	适用碳管直径 Tube outer diameter	Φ60mm
动力套重量 (含线、桨) Weight (with cable and Props)	6.1~6.3 kg	线材规格 Cable specification	电源线: 10AWG*400mm 信号线: 800mm Power cable: 10AWG*400mm Signal cable: 800mm
适用环境温度 Operating temperature	-35~55°C	防尘防水等级 Ingress protection	IP35

### 电调技术参数 ESC specification

产品型号 Model	80A-FOC	通讯方式 Communication protocol	UAVCAN / RS485
电调尺寸 ESC size	225.6*98*60 mm (带插头) 225.6*98*60 mm (With plug)	重量 (含线) Weight (without cable)	1200 g
最大电流 Peak current (3 seconds)	80A (3s)	持续电流 Continuous current	40A
防尘防水等级 Ingress Protection	IP67	双油门 Double throttle signal	CAN+RS485 / CAN+PWM / RS485+PWM
PWM脉宽 (不支持校准) Operating pulse width (No calibration support)	1100~1940μs	黑匣子 Black box	2~48h 实时数据 2~48h log

### 电机技术参数 Motor specification

产品型号 Model	15635	KV值 KV	9KV / 11 KV
电机外直径 Motor diameter	Φ167.1*H100.5mm	槽极数 Slot& Pole	36N 42P
防尘防水等级 Ingress Protection	IPX5	电机重量(含线) Weight (with wire)	4250±30g

### 桨叶参数 Propeller specification

产品型号 Model	64*20" / 54*23"	单支重量 Weight	860g / 707g
主要材质 Material of Props	碳纤维直桨 Carbon unfolding Props	安装尺寸 Mounting dimensions	D60-6*M6, 中心孔 D20 D60-6*M6, centre hole D20