

X13 G2 动力套技术参数

X13 G2 Propulsion System Specification

动力套参数 All-in-One Thrust System Specification

产品名称	X13 G2	最大拉力	60kg (海平面高度)
Product name		Max Thrust	60kg (at sea level)
单轴推荐拉力	27kg (海平面高度)	推荐拉力力效	8.6g/W (MFP56x20) 8.4g/W (MFC57x20)
Recommended takeoff weight per axis	27 kg (at sea level)	Efficiency of recommended takeoff weight	
适配锂电池	18S (LiPo)	额定电压	18S-69V
Compatible lithium battery		Rated voltage	
电压范围	25~80V	适用碳管直径	D50mm
Input voltage		Tube outer diameter	
动力套重量 (含线、桨)	4185g*	线材规格	电源线: 10AWG 1355mm* 信号线: 1120 mm*
Weight (with cable and propeller)		Cable specification	Power cable: 10AWG 1355mm* Signal cable: 1120 mm*
适用环境温度	-20~50°C	防尘防水等级	IPX6
Operating temperature		Ingress Protection	
额定输入功率	3160W	额定输出功率	2700W
Rated power input		Rated power output	
线序	黑-GND, 白-PWM; 黄-GND, 灰-CH, 绿-CL		
Pinout	Black-GND, White-PWM & Yellow-GND, Gray-CH, Green-CL		

电调技术参数 ESC Specification

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

电机技术参数 Motor Specification

KV值	45KV	槽极数	36槽42极
KV value		Slot & Pole	36N42P
定子尺寸	138*25mm	电机外直径	148mm
Stator size		Motor diameter	

桨叶参数 Propeller Specification

默认

Default

产品型号	MFP 56x20 (折叠桨)	总重量	811g*
Model	MFP 56x20 (Folding propeller)	Total Weight	
主要材质	碳纤维增强尼龙复合材料	单片桨叶重量	293g*
Material of blades	Carbon fibre-reinforced nylon composite material	Single blade weight	

选配

Optional

产品型号	MFC 57x20 (折叠桨)	总重量	805g*
Model	MFC 57x20 (Folding propeller)	Total Weight	
主要材质	碳纤维复合材料	单片桨叶重量	250g*
Material of blades	Carbon fibre composite material	Single blade weight	

*存在误差, 以实物为准。

*Subject to the actual product.