

X8 G2 动力套技术参数

X8 G2 Propulsion System Specification

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

产品名称	X8 G2	最大拉力	17.5 kg (海平面高度)
Product name		Max Thrust	17.5 kg (Sea level)
单轴推荐拉力	5-7.5 kg (海平面高度)	推荐拉力力效	9.7-8.4 g/W
Recommended takeoff weight per axis	5-7.5kg (Sea level)	Efficiency of recommended takeoff weight	
适配锂电池	12S-14S (LiPo)	额定电压	14S-54V / 12S-46V
Compatible lithium battery		Rated voltage	
电压范围	18-63 V	适用碳管直径	D35 / D40mm
Input voltage		Tube outer diameter	
动力套重量 (含线、桨)	1095 g*	线材规格	电源线：14AWG 905 mm* 信号线：915 mm*
Weight (with cable and propeller)		Cable specification	Power cable: 14AWG 905 mm* Signal cable: 915 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	920 W	额定输出功率	810 W
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	14S / 12S (LiPo)	通讯方式	Cyphal (UAVCAN)
Rated voltage		Communication protocol	
最大电流	80A (3s)	持续电流	20 A
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	1050-1950 µs	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	100KV	槽极数	36N40P
KV value		Slot & Pole	
定子尺寸	81x20 mm	电机外直径	88.6 mm
Stator size		Motor diameter	

桨叶参数 Propeller Specification

MFP 30x11S 高速桨 (默认)

MFP 30x11S High speed propeller (Default)

产品型号	MFP 30x11S (折叠桨)	总重量	193g*
Model	MFP 30x11S (Folding propeller)	Total Weight	
主要材质	碳塑	单片桨叶重量	54.5g*
Material of blades	Carbon fiber reinforced plastics	Single blade weight	

MFP 30x11 桨 (选配)

MFP 30x11 Normall propeller (Optional)

产品型号	MFP 30x11 (折叠桨)	总重量	188g*
Model	MFP 30x11 (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	51.6g*
Material of blades	Carbon fibre-reinforced nylon composite material	Single blade weight	

*存在误差，以实物为准。本产品有两款桨叶可选，主MFP 30x11S 高速桨叶。

*Subject to the actual product. Two types of propellers available, MFP 30x11S high speed propeller is mainly used.