

# X9 G2L 动力套技术参数

## X9 G2L Propulsion System Specification

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

产品名称	X9 G2L	最大拉力	24 kg (海平面高度)
Product name		Max thrust	24 kg (Sea level)
单轴推荐拉力	7-12 kg (海平面高度)	推荐拉力力效	9.7-7.7 g/W
Recommended takeoff weight per axis	7-12 kg (Sea level)	Efficiency of recommended takeoff weight	
适配锂电池	12S-14S (LiPo)	额定电压	14S-54V / 12S-48V
Compatible lithium battery		Rated voltage	
电压范围	18-63 V	适用碳管直径	D40 mm
Input voltage		Tube outer diameter	
动力套重量 (含线、桨)	1532 g*	线材规格	电源线: 12AWG 1000 mm* 信号线: 1090 mm*
Weight (with cable and propeller)		Cable specification	Power cable: 12AWG 1000 mm* Signal cable: 1090 mm*
适用环境温度	-20~50 °C	防尘防水等级	IPX6
Operating temperature		Ingress Protection	
线序	黑-GND, 白-PWM; 黄-GND, 灰-CH, 绿-CL	额定输出功率 (最大持续功率)	1370 W
Pinout	Black-GND, White-PWM & Yellow-GND, Gray-CH, Green-CL	Rated output power (Max continuous)	

### 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	120A (3s)	持续电流	30 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 $\mu$ s	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	110 KV	槽极数	36N40P
KV value		Slot & Pole	
定子尺寸	96 * 16 mm	电机外直径	104 mm (风扇130 mm)
Stator size		Motor diameter	104 mm (Fan 130 mm)

### 桨叶参数 Propeller Specification

产品型号	MFP 36x11 (折叠桨)	总重量	287 g*
Model	MFP 36x11 (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	82 g*
Material of blades	Carbon fibre-reinforced nylon composite material	Single blade weight	

\*存在误差, 以实物为准。

\*Subject to the actual product.