

X9 G2L Propulsion System Specification

All-in-One Propulsion System Specification

Product name	X9 G2L	Max thrust	24 kg (Sea level)
Recommended takeoff weight per axis	7-12 kg (Sea level)	Efficiency of recommended takeoff weight	9.7-7.7 g/W
Compatible lithium battery	12S-14S (LiPo)	Rated voltage	14S-54V / 12S-48V
Input voltage	18-63 V	Tube outer diameter	D40 mm
Weight (with cable and propeller)	1532 g*	Cable specification	Power cable: 12AWG 1000 mm* Signal cable: 1090 mm*
Operating temperature	-20~50 °C	Ingress Protection	IPX6
Rated power input	1600 W	Rated power output	1370 W
Pinout	Black-GND, White-PWM & Yellow-GND, Gray-CH, Green-CL		

ESC Specification

Rated voltage	14S / 12S (LiPo)	Communication protocol	Cyphal (UAVCAN)
Peak current (3s)	120 A	Continuous current	30 A
Throttle range calibration	Not supported	Throttle Source	PWM+CAN
Operating pulse width	1050-1950 μ s	Fault storage & Log	Supported

Motor Specification

KV value	110 KV	Slot & Pole	36N40P
Stator diameter	96x16 mm	Motor diameter	104 mm (Fan 130 mm)

Propeller Specification

Model	MFP 36x11 (Folding propeller)	Total weight	287 g*
Material of blades	Carbon fibre-reinforced nylon composite material	Single blade weight	82 g*

* Subject to the actual product.