

# X11 G2 Propulsion System Specification

## All-in-One Propulsion System Specification

Product name	X11 G2	Max Thrust	32 kg (at sea level)
Recommended takeoff weight per axis	17 kg (at sea level)	Efficiency of recommended takeoff weight	7.5 g/W
Compatible lithium battery	14S (LiPo)	Rated voltage	14S-54 V
Input voltage	18-63 V	Tube outer diameter	D45 mm
Weight (with cable and propeller)	1980 g*	Cable specification	Power cable: 12AWG 1050 mm* Signal cable: 1090 mm*
Operating temperature	-20~50 °C	Ingress Protection	IPX6
Rated power input	2200 W	Rated power output	1870 W
Pinout	Black-GND, White-PWM & Red-CH, Gray-CL		

## ESC Specification

Rated voltage	14S (LiPo)	Communication protocol	Cyphal (UAVCAN)
Peak current (3s)	150 A	Continuous current	60 A
Throttle range calibration	Not supported	Throttle Source	PWM+CAN
Operating pulse width	1050-1950 $\mu$ s	Fault storage & Log	Supported

## Motor Specification

KV value	95KV	Slot & Pole	36N40P
Stator diameter	111x15 mm	Motor diameter	120.1 mm (Fan 138 mm)

## Propeller Specification

Model	MFP 43x14 (Folding propeller)	Total Weight	427 g*
Material of blades	Carbon fibre-reinforced nylon composite material	Single blade weight	146 g*

\* Subject to the actual product.