

X11 Max Propulsion System Specification

All-in-One Propulsion System Specification

Product name	X11 Max	Max Thrust	44 kg
Recommended takeoff weight per axis	20-22 kg	Efficiency of recommended takeoff weight	7.3-7.8 g/W
Compatible lithium battery	18S (LiPo)	Rated voltage	18S-70 V
Input voltage	36-78.3 V	Tube outer diameter	Φ50 mm
Weight (with cable and propeller)	2800 g*	Cable specification	Power cable: 1350 mm* Signal cable: 1100 mm*
Operating temperature	-20~50 °C	Ingress Protection	IPX6
Rated output power (Max continuous)	2670 W		

ESC Specification

Rated voltage	18S-70 V	Communication protocol	UAVCAN
Peak current (3s)	150 A (3s)	Continuous current	50 A
Throttle range calibration	Not supported	Throttle Source	PWM+CAN
Operating pulse width	1050-1950 μs	Fault storage	Supported

Motor Specification

KV value	60 KV	Slot & Pole	36N40P
Stator size	Φ111 * H22 mm	Motor size	Φ120.1 * H55.2 mm

Propeller Specification

Model	MFC 48x17.5	Total Weight	397 g*
Material of blades	Carbon fiber composite material	Single blade weight	117 g*

* Subject to the actual product.