

X15 Propulsion System Specification

All-in-One Propulsion System Specification

Product name	X15	Max thrust	72 kg
Recommended takeoff weight per axis	32.5-37.5kg	Efficiency of recommended takeoff weight	8.2~7.6 g/W
Compatible lithium battery	18S (LiPo)	Rated voltage	69V (18S LiPo)
Input voltage	36~78.3 V	Tube outer diameter	Φ60 mm
Weight (with cable, without propellers)	5908 g*	Cable specification	Power cable: 7AWG 1500 mm* Signal cable: 1550 mm*
Operating temperature	-10~40 °C	Ingress protection	IPX6
Rated output power (Max continuous)	4180 W		

ESC Specification

Rated voltage	69V (18S LiPo)	Communication protocol	UAVCAN (HWCAN)
Peak current (3s)	300 A	Continuous current	100 A
Throttle range calibration	Not supported	Throttle source	PWM+CAN
Operating pulse width	1050-1950 μs	Fault storage	Supported
ESC size	185*106*51.5 mm	Weight (without cable)	735 g*

Motor Specification

KV	45 KV	Slot & Pole	36N42P
Stator size	Φ156*H23 mm	Motor size	Φ167.1*H60.6 mm
Weight (with wire)	2850 g*		

Propeller Specification

Model	MFP 63x24	Total weight	1190 g*
Material of blades	Carbon fibre-reinforced nylon composite	Single blade weight	400 g*

* Subject to the actual product.