

X9 Propulsion System Specification

All-in-One Propulsion System Specification

Product name	X9	Max thrust	22 kg
Recommended takeoff weight per axis	7-11 kg	Efficiency of recommended takeoff weight	8.7-6.9 g/W
Compatible lithium battery	12S-14S (LiPo)	Rated voltage	12S-46 V/14S-54 V
Input voltage	18-60.9 V	Tube outer diameter	Φ40 mm
Weight (with cable and propeller)	1524 g*	Cable specification	Power cable: 1000 mm* Signal cable: 1090 mm*
Operating temperature	-20~50 °C	Ingress protection	IPX6
Pinout	Black White-GND, PWM, Yellow Red Green-GND, 5V, P	Rated output power (Max continuous)	1450 W
Size	149.6 * 104 * 121.4 mm		

ESC Specification

Rated voltage	12S-46 V/ 14S-54 V	Communication protocol	UART
Peak current (3s)	120 A (3s)	Continuous current	40 A
Throttle range calibration	Not supported	Throttle signal	PWM
Operating pulse width	1100-1940 μs	Fault storage	Not supported

Motor Specification

KV value	100 KV	Slot & Pole	36N40P
Stator size	Φ96 * H16 mm	Motor diameter	Φ104.0 mm

Propeller Specification

Model	MFP 34x11	Total weight	278 g*
Material of blades	Carbon fibre-reinforced nylon composite material	Single blade weight	89 g*

* Subject to the actual product.