

X6 Plus G2 Propulsion System Specification

All-in-One Propulsion System Specification

Product name	X6 Plus G2	Max Thrust	12.5 kg (Sea level)
Recommended takeoff weight per axis	6 kg (Sea level)	Efficiency of recommended takeoff weight	7.3 g/W
Compatible lithium battery	12S-14S (LiPo)	Rated voltage	14S-54V / 12S-46V
Input voltage	18~63 V	Tube outer diameter	D30 mm
Weight (with cable and propeller)	748 g*	Cable specification	Power cable: 14AWG 870 mm* Signal cable: 1000 mm*
Operating temperature	-20~50 °C	Ingress Protection	IPX6
Pinout	Black-GND, White-PWM, Yellow-GND, Gray-CH, Green-CL	Rated output power (Max continuous)	705 W

ESC Specification

Rated voltage	14S / 12S (LiPo)	Communication protocol	Cyphal (UAVCAN)
Peak current (3s)	80 A	Continuous current	25 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	150 KV	Slot & Pole	28N24P
Stator size	62 * 18 mm	Motor diameter	68.9 mm

Propeller Specification

Model	MFP 24x8.0 (Folding propeller)	Weight	107 g*
Material of blades	Carbon fibre-reinforced nylon composite material	Single blade weight	33.5 g*

* Subject to the actual product.