

X6 SE Propulsion System Specification

All-in-One Propulsion System Specification

Product name	X6 SE-280KV	Max thrust	6 kg
Recommended takeoff weight per axis	2.2 kg	Efficiency of recommended takeoff weight	10 g/W
Compatible lithium battery	6S (LiPo)	Rated voltage	23 V
Input voltage	9-27 V	Tube outer diameter	Φ25 mm
Weight (with cable and propeller)	373 g*	Cable specification	Power cable: 16AWG 450 mm* Signal cable: 570 mm*
Operating temperature	-20~50 °C	Ingress protection	IP43
Pinout	Black-GND, White-PWM; Red-CH, Gray-CL	Rated output power (Max continuous)	187 W

ESC Specification

Rated voltage	6S-23 V	Communication protocol	Cyphal (UAVCAN)
Peak current (3s)	60 A (3s)	Continuous current	30 A
Throttle range calibration	Not supported	Throttle signal	PWM+CAN
Operating pulse width	1100-1940 μs	Fault storage	supported

Motor Specification

KV value	280 KV	Slot & Pole	24N28P
Stator size	Φ62 * H8 mm	Motor diameter	Φ68.9 mm

Propeller Specification

Model	MFP 22×7.0	Total weight	66 g*
Material of blades	Carbonfibre-reinforced nylon composite material	Mounting dimensions	D18-2*M3&D20-2*M3, centre hole D8

* Subject to the actual product.