

H6M Propulsion System Specification

All-in-One Propulsion System Specification

Product name	H6M	Max thrust	6.5 kg
Recommended takeoff weight per axis	2-2.5 kg	Efficiency of recommended takeoff weight	9.3 g/W
Compatible lithium battery	12S~14S (LiPo)	Rated voltage	48 V
Input voltage	24-63 V	Tube outer diameter	Φ30 mm
Weight (with cable and propeller)	454 g*	Cable specification	Power cable:14AWG 630 mm* Signal cable: 730 mm*
Operating temperature	-20~65 °C	Ingress protection	IP45
Pinout	Black-GND, White-PWM & Yellow-GND, Red-CH, Green-CL	Rated output power (Max continuous)	220 W

ESC Specification

Rated voltage	12~14S (LiPo)	Communication protocol	HWCAN
Peak current (3s)	60 A (3s)	Continuous current	20 A
Throttle range calibration	Not supported	Throttle signal	PWM+CAN
Operating pulse width	100~1940 μs	Fault storage	Supported

Motor Specification

KV value	130 KV	Slot & Pole	24N28P
Stator size	Φ62*H10 mm	Motor size	Φ67.7*H33.1 mm

Propeller Specification

Model	MSC 22x7.8	Total weight	36 g*
Material of propeller	Carbon fibre composite material	Mounting dimensions	D20-4*M3&D18-4*M3, center hole D8

*Subject to the actual product.