

H11MD Propulsion System Specification

All-in-One Propulsion System Specification

Product name	H11MD	Max thrust	57.5 kg
Recommended takeoff weight per axis	25-28 kg	Efficiency of recommended takeoff weight	7.9 g/W (28 kg)
Compatible lithium battery	14S (LiPo)	Rated voltage	54 V
Input voltage	24-63 V	Tube outer diameter	Φ50 mm
Weight (with cable and propeller)	4769 g*	Cable specification	Power cable: 10AWG 1390 mm* Signal cable: 1595 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)	3100 W

ESC Specification

Rated voltage	14S (LiPo)	Communication protocol	HWCAN
Peak current (3s)	150 A (3s)	Continuous current	60 A
Throttle range calibration	Not supported	Throttle signal	PWM+CAN
Operating pulse width	1100-1940 μs	Fault storage	Supported

Motor Specification

KV value	70 KV	Slot & Pole	36N40P
Stator size	Φ111*H22 mm	Motor size	Φ120.1*H55.2 mm

Propeller Specification

Model	MFC 48x17.5	Total weight	412 g*
Material of blades	Carbon fiber composite material	Mounting dimensions	D31-4*M4*6H&D36-4*M5*6H, center hole D14

* Subject to the actual product.