

# H15MD Plus Integrated Thrust System Specification

## Integrated Thrust System Specification

Model	H15MD Plus-24S	Max thrust	195 kg (Sea level)
Recommended takeoff weight per axis	80 kg	Efficiency of recommended takeoff weight	7.5 g/W
Compatible lithium battery	24S~28S (LiPo)	Rated voltage	24S-92 V / 28S-108 V
Input voltage	36~130 V	Tube outer diameter	80mm-Thickness:5mm
Weight (with cable, without propellers)	12600±200 g	Cable specification	Power cable: 7AWG 2500±50 mm Signal cable: 2700±50 mm
Operating temperature	-40~60 °C	Ingress Protection	IPX6
Pinout	Black-GND, White-PWM & Yellow-GND, Red-CH, Green-CL	Rated output power (Max continuous)	9300 W

## ESC Specification

Rated voltage	24S-92 V / 28S-108 V	Communication protocol	UAVCAN
ESC size	156*83.6*54.5 mm	Weight (without cables)	616±5 g
Peak current (3s)	300 A (3s)	continuous current	110 A
Throttle range calibration	Not supported	Throttle source	PWM+CAN
Operating pulse width	1100-1940 μs	Fault storage & Log	2-48 h

## Motor Specification

KV	31 KV	Weight (with cables)	4100±100 g
Motor diameter	167.1 mm	Slot & Pole	36N42P
Stator size	Φ155.6*H35 mm		

## Propeller Specification

Model	MSC 73x21	Weight	1300±20 g
Material of blades	Carbon fibre composite material	Mounting dimensions	D60-6*M6, centre hole D20
Model	MFC 73x23	Weight	1854.8g±32 g
Material of blades	Carbon fibre composite material	Mounting dimensions	D46-4*M6, centre hole D16