

P115M Integrated thrust system specification

Integrated Thrust System Specification

Model	P115M	Max Thrust	240 kg
Rated thrust	115 kg	System efficiency	6.2 g/W
Input voltage	500~850 V	Rated voltage	720 V
Tube outer diameter	Φ80mm (Suitable for wall thickness of 2~5 mm, recommend 3 mm and 5 mm)		
Weight (with cable and Props)	20.1 kg ±150 g	Cable specification	Power cable: 12AWG*2000 mm Signal cable:2200 mm
Operating temperature	'-35~55 °C	Ingress protection	IPX5
Rated power input (single motor)	9650 W	Rated power output (single motor)	8400 W
Signal cable define	Blue-CAN-GND、Red-CANH、Brown-CANL、Black-Shielded、Green-PWM、Gray-PWM-GND、Orange-DC24V+、Yellow-DC24V-		

ESC Specification

Rated voltage	720 V	Communication protocol	CAN (customizable RS485)
ESC size	211 mm*104 mm*67 mm (Without plug)	Weight (with cable)	1880±50 g
Peak current (10 seconds)	45 A	Continuous current	15 A
Ingress Protection	IP67	Double throttle signal	CAN+RS485 / CAN+PWM / RS485+PWM
Operating pulse width (Not supported)	1100~1940 μs	Black box	2~48h log

Motor Specification

Stator size	156*50 mm	KV	5 KV
Motor diameter	Φ167.1±0.1 mm	Slot& Pole	36N42P
Ingress Protection	IPX5	Weight (with cable)	5182 g

Propeller Specification

Model	MSC 73x21-P	Weight	1254 g
Material of Props	Carbon unfolding Props	Mounting dimensions	D60-6*M6, centre hole D20