

P95M 动力套技术参数

P95M Propulsion System Specification

动力套参数 All-in-one thrust system specification

产品型号	P95M-800V	额定拉力	95 kg
Model		Rated thrust	
最大拉力	190/178 kg	额定拉力力效	5.2/6.0 g/W
Max thrust		System efficiency	
电压范围	580~850 V	额定电压	720V
Input voltage		Efficiency at Rated Thrust	
动力套重量 (含线)	10480±60 g (电源线: 12AWG 2000mm	适用碳管直径	Φ80mm - 壁厚 5mm
Weight (with cable)	信号线: 2300 mm)	Tube outer diameter	D80 mm-Thickness: 5mm
适用环境温度	-25°C-55°C	线材规格	电源线: 12AWG 2000mm 信号线: 2300 mm
Operating temperature		Cable specification	Power cable: 12AWG 2000mm Signal cable: 2300 mm
防护等级	IPX5	额定输出功率 (最大持续功率)	15.7 kW
Ingress protection		Rated output power (Max continuous)	
线序定义	蓝-CAN-GND、红-CANH、棕-CANL、黑-Shielded、绿-PWM、灰-PWM-GND、橙-DCIN24V+、黄-DCIN GND、白-RS485A、黑-RS485B、紫-RS485GND		
Pinout	Blue-CAN-GND, Red-CANH, Brown-CANL, Black-Shielded, Green-PWM, Gray-PWM-GND, Orange-DCIN24V+, Yellow-DCIN GND, White-RS485A, Black-RS485B, Purple-RS485GND		

电调技术参数 ESC specification

额定电压	720 V	CAN通讯协议	HWCAN/DroneCAN
Rated voltage		CAN communication protoco	
电调尺寸	211*104*68 mm	重量 (含线)	1880±50 g (电源线: 12AWG 2000mm
ESC size		Weight (with cable)	信号线: 2300 mm)
最大电流 (6s)	60A	持续电流	23A
Peak current (6s)		Continuous current	
防护等级	IP67	油门	PWM+CAN/PWM +485/CAN+485
Ingress protection		Throttle source	
PWM脉宽	1100-1940us	故障数据 & 日志	2-48h
Operating pulse width		Fault data & log	
油门行程校准	固化不可校准, 软件可修改范围		
Throttle range calibration	Solidified and cannot be calibrated (can be changed via DataLink software)		

电机技术参数 Motor specification

KV值	5KV	槽极数	36N40P
KV		Slot & pole	
电机外径	φ200.2 mm	电机重量 (含线)	8600 g (200±10mm 10AWG)
Motor diameter		Weight (with cable)	
防护等级	IPX5		
Ingress protection			

桨叶参数 Propeller specification

产品型号	MSC 73x25	单支重量	1385±20 g
Model		Weight	
主要材质	碳纤维复合材料	安装尺寸	D60-6*M8, 中心孔D20
Material of propeller	Carbon fiber composite material	Mounting dimensions	D60-6*M8, centre hole D20
产品型号	MSC 64x35	单支重量	1160±20 g
Model		Weight	
主要材质	碳纤维复合材料	安装尺寸	D60-6*M8, 中心孔D20
Material of propeller	Carbon fiber composite material	Mounting dimensions	D60-6*M8, centre hole D20