

CM-P115M 动力套装技术参数

动力套参数 Integrated thrust system specification

产品型号 Model	CM-P115M	最大拉力 Max Thrust	220 kg
额定拉力 Rated thrust	115 kg	系统力效 System efficiency	6.2 g/W
电压范围 Input voltage	500~810V	额定电压 Rated voltage	720 V
适用机臂直径 Tube outer diameter	Φ80mm (壁厚因材料而不同, 末端需开特定孔位, 详见技术资料) Φ80mm (Wall thickness varies by material, ends require specific holes. See specs.)		
动力套重量 (含线、桨) Weight (with cable and Props)	16.5 kg	线材规格 Cable specification	电源线: 12AWG*950mm 信号线: 950mm Power cable: 12AWG*950mm Signal cable: 950mm
适用环境温度 Operating temperature	-35~55°C	防尘防水等级 Ingress protection	IP35
额定输入功率 (单电机) Rated power input(single-motor)	9.1 KW	额定输出功率 (单电机) Rated power output(single-motor)	8 KW
线序定义 Signal cable define	红-CANH, 褐-CANL, 蓝-GND; 绿-SPEED, 灰-GND; 橙-DC24V, 黄-GND; 白-RS485A, 黑-RS485B Red-CANH, Brown-CANL,BLue-GND&Green-SPEED,Gray-GND&Orange-DC24V,Yellow-GND&White-RS485A,Black-RS485B		

电调技术参数 ESC specification

产品型号 Model	40A-800V-FOC	通讯方式 Communication protocol	UAVCAN / RS485
电调尺寸 ESC size	212mm*104mm*68mm (不含插头) 212mm*104mm*68mm (Without plug)	重量 (含线) Weight (with cable)	1450 g
最大电流 Peak current (3 seconds)	40 A (3s)	持续电流 Continuous current	15 A
防尘防水等级 Ingress Protection	IP67	双油门 Double throttle signal	CAN+RS485 / CAN+PWM / RS485+PWM
PWM脉宽 (不支持校准) Operating pulse width (Not supported)	1100~1940μs	黑匣子 Black box	2~48h 实时数据 2~48h log

电机技术参数 Motor specification

产品型号 Model	15650	KV值 KV	5 KV
电机外直径 Motor diameter	Φ167.2mm	槽极数 Slot& Pole	36槽42极 36N42P
防尘防水等级 Ingress Protection	IPX5	电机重量(含线) Weight (with cable)	5.7kg

桨叶参数 Propeller specification

产品型号 Model	64×26" / 72×25"	单支重量 Weight	850 g / 1150 g
主要材质 Material of Props	碳纤维直桨 Carbon unfolding Props	安装尺寸 Mounting dimensions	D60-6*M6, 中心孔 D20 D60-6*M6, centre hole D20