

产品测试记录表 Test Report

产品测试型号 Test Item	MN2206-KV2000	报告编号Report NO.	MN.00005
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基本数据 Specifications

电阻 Internal Resistance	82mΩ	槽极 Configuration	12N14P
轴径 Shaft Diameter	3mm	电机尺寸 Motor Dimensions(Dia.*Len)	Φ27×18.5mm
矽钢片外径 Stator Diameter	22mm	矽钢片高度 Stator Height	6mm
线号 AWG	20#	线长(mm) Cable Length	100mm
电机重量 (含线) Weight Including Cables (g)	29g	电机重量 (不含线) Weight Excluding Cables (g)	30g
支持锂电 No.of Cells(Lipo)	2-3S	空载电流 Idle Current@10v(A)	0.6A
最大功率 Max Continuous Power(W)180S	180W	最大电流 Max Continuous current(A)180S	18A

负载测试数据 Testing with Payload

环境温度 Ambient Temperature		/		测试电压环境 Voltage			恒压 DC Power supplier		
Item No.	Voltage (V)	Prop	Throttle	Current (A)	Power (W)	Thrust (G)	RPM	Efficiency (G/W)	Operating Temperature(°C)
MN2206 KV2000	11.1	T-MOTOR 5*3	50%	3.3	36.63	195	13600	5.32	20℃
			65%	4.1	45.51	233	14500	5.12	
			75%	4.6	51.06	256	15600	5.01	
			85%	5.5	61.05	297	16600	4.86	
			100%	6.6	73.26	340	17700	4.64	
		T-MOTOR 6*2	50%	3.5	38.85	255	13000	6.56	28℃
			65%	4.8	53.28	326	13900	6.12	
			75%	5.4	59.94	362	14800	6.04	
			85%	6.7	74.37	435	16000	5.85	
			100%	8.1	89.91	499	17000	5.55	
		T-MOTOR 7*2.4	50%	4.5	49.95	330	10800	6.61	40℃
			65%	6.2	68.82	420	12000	6.10	
			75%	8.2	91.02	515	13000	5.66	
			85%	10.5	116.55	610	13900	5.23	
			100%	12.8	142.08	700	14600	4.93	
	7.4	T-MOTOR 7*2.4	50%	2.8	20.72	183	7800	8.83	23℃
			65%	3.8	28.12	230	8700	8.18	
			75%	4.4	32.56	260	9500	7.99	
			85%	6	44.40	325	10500	7.32	
			100%	7	51.80	372	11000	7.18	
		T-MOTOR 8*2.7	50%	3.5	25.90	219	6700	8.46	30℃
			65%	4.9	36.26	285	7600	7.86	
			75%	6.2	45.88	346	8400	7.54	
			85%	8	59.20	428	9200	7.23	
			100%	9.9	73.26	478	9700	6.52	

Notes:The test condition of temperature is motor surface temperature in 100% throttle while the motor run 10 min.