



Load Testing Data										
Ambient Temperature			/		Voltage			DC Power Supplier		
Item No.	Voltage (V)	Prop	Throttle	Current (A)	Power (W)	Thrust (G)	RPM	Efficiency (G/W)	Torque (N*m)	Operating Temperature (°C)
MN5208 KV340	24	T-MOTOR 15*5CF	50%	3.4	80.6	765	3972	9.49	0.149	53
			55%	4.3	103.4	945	4383	9.14	0.18	
			60%	5.5	130.8	1123	4762	8.59	0.214	
			65%	6.6	157.2	1298	5108	8.26	0.243	
			75%	9.5	227.5	1689	5862	7.42	0.318	
			85%	12.8	306.5	2075	6484	6.77	0.386	
			100%	18.1	433.4	2669	7497	6.16	0.493	
		T-MOTOR 16*5.4CF	50%	4.1	99.4	950	3852	9.56	0.189	56
			55%	5.3	127.0	1165	4235	9.18	0.231	
			60%	6.7	160.3	1385	4606	8.64	0.274	
			65%	8.4	201.4	1625	5020	8.07	0.316	
			75%	12.2	292.8	2137	5674	7.30	0.418	
			85%	16.2	387.6	2592	6209	6.69	0.5	
			100%	22.7	543.8	3273	6928	6.02	0.634	
		T-MOTOR 17*5.8CF	50%	5.0	120.5	1135	3770	9.42	0.241	73
			55%	6.5	155.5	1358	4122	8.73	0.287	
			60%	8.2	196.8	1615	4485	8.21	0.337	
			65%	10.4	249.4	1910	4856	7.66	0.397	
			75%	14.6	349.4	2396	5432	6.86	0.497	
			85%	19.4	465.8	2868	5947	6.16	0.599	
			100%	26.5	636.2	3555	6578	5.59	0.74	
		T-MOTOR 18*6.1CF	50%	5.9	140.6	1315	3636	9.35	0.287	HOT
			55%	7.8	186.2	1665	4015	8.94	0.359	
			60%	9.4	225.3	1935	4353	8.59	0.415	
			65%	11.9	285.4	2230	4641	7.81	0.478	
			75%	17.1	411.1	2825	5211	6.87	0.602	
			85%	22.5	538.8	3350	5628	6.22	0.712	
			100%	31.1	747.4	4125	6181	5.52	0.871	
Notes:The test condition of temperature is motor surface temperature in 100% throttle while the motor run 10min.										

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			55%	4.3	103.4	945	4383	9.14	0.18	
			60%	5.5	130.8	1123	4762	8.59	0.214	
			65%	6.6	157.2	1298	5108	8.26	0.243	
			75%	9.5	227.5	1689	5862	7.42	0.318	
			85%	12.8	306.5	2075	6484	6.77	0.386	
			100%	18.1	433.4	2669	7497	6.16	0.493	
		T-MOTOR 16*5.4CF	50%	4.1	99.4	950	3852	9.56	0.189	56
			55%	5.3	127.0	1165	4235	9.18	0.231	
			60%	6.7	160.3	1385	4606	8.64	0.274	
			65%	8.4	201.4	1625	5020	8.07	0.316	
			75%	12.2	292.8	2137	5674	7.30	0.418	
			85%	16.2	387.6	2592	6209	6.69	0.5	
			100%	22.7	543.8	3273	6928	6.02	0.634	
		T-MOTOR 17*5.8CF	50%	5.0	120.5	1135	3770	9.42	0.241	73
			55%	6.5	155.5	1358	4122	8.73	0.287	
			60%	8.2	196.8	1615	4485	8.21	0.337	
			65%	10.4	249.4	1910	4856	7.66	0.397	
			75%	14.6	349.4	2396	5432	6.86	0.497	
			85%	19.4	465.8	2868	5947	6.16	0.599	
			100%	26.5	636.2	3555	6578	5.59	0.74	
		T-MOTOR 18*6.1CF	50%	5.9	140.6	1315	3636	9.35	0.287	HOT
			55%	7.8	186.2	1665	4015	8.94	0.359	
			60%	9.4	225.3	1935	4353	8.59	0.415	
			65%	11.9	285.4	2230	4641	7.81	0.478	
			75%	17.1	411.1	2825	5211	6.87	0.602	
			85%	22.5	538.8	3350	5628	6.22	0.712	
			100%	31.1	747.4	4125	6181	5.52	0.871	
Notes:The test condition of temperature is motor surface temperature in 100% throttle while the motor run 10min.										

Test Report			
Test Item	MN5208 KV340	Report NO.	MN.00029
Specifications			
Internal Resistance	93mΩ	Configuration	24N22P
Shaft Diameter	4mm	Motor Dimensions	Φ59×29.5mm
Stator Diameter	52mm	Stator Height	8mm
AWG	16#	Cable Length	600mm
Weight Including Cables	196g	Weight Excluding Cables	145g
No.of Cells(Lipo)	4-6S	Idle Current@10v	0.9A
Max Continuous Power 180S	850W	Max Continuous Current 180S	35A