

## Test Report

Item No.	Prop	Throttle	Voltage (V)	Thrust (g)	Torque (N*cm)	Current (A)	RPM	Inputpower (W)	Efficiency (g/W)	Operating Temperature (°C)
MN2806-KV400	T-MOTOR P12X4	40%	23.59	230	0.04	0.76	3080	17.85	12.91	45°C
		45%	23.54	282	0.05	1.00	3417	23.62	11.93	
		50%	23.46	344	0.06	1.32	3755	30.94	11.11	
		55%	23.33	398	0.07	1.63	4036	37.94	10.50	
		60%	23.28	459	0.08	2.00	4319	46.61	9.83	
		65%	23.16	511	0.08	2.38	4571	55.18	9.26	
		70%	23.12	568	0.09	2.83	4837	65.34	8.70	
		75%	23.09	642	0.10	3.34	5094	77.08	8.33	
		80%	23.01	705	0.11	3.84	5337	88.41	7.97	
		85%	22.93	774	0.12	4.45	5594	101.97	7.59	
		90%	22.91	845	0.14	5.10	5838	116.77	7.24	
		95%	22.90	915	0.14	5.78	6068	132.32	6.91	
	100%	22.86	959	0.15	6.30	6235	144.03	6.65		
	T-MOTOR P13X4.4	40%	23.63	262	0.04	0.86	2991	20.38	12.85	52°C
		45%	23.60	325	0.05	1.14	3299	26.83	12.11	
		50%	23.57	398	0.07	1.50	3632	35.42	11.24	
		55%	23.53	459	0.07	1.88	3908	44.21	10.36	
		60%	23.43	531	0.09	2.32	4184	54.29	9.78	
		65%	23.25	592	0.10	2.75	4416	63.91	9.26	
		70%	23.17	660	0.11	3.27	4664	75.78	8.71	
		75%	23.14	729	0.12	3.82	4902	88.36	8.25	
		80%	23.09	798	0.13	4.40	5126	101.53	7.86	
85%		23.11	875	0.14	5.07	5357	117.10	7.47		
90%		23.11	947	0.15	5.80	5573	134.10	7.06		
95%		23.07	1018	0.16	6.56	5777	151.45	6.72		
100%	23.05	1068	0.17	7.10	5902	163.53	6.53			

Notes: Motor temperature is the motor surface temperature aftering running on 80% for 10 mins.

(Based on T-MOTOR test benches), all data are for reference only. T-MOTOR reserves the right of final interpretation. )

Item No.	Prop.	Throttle	Voltage (V)	Thrust (g)	Torque (Nfm)	Current (A)	RPM	Input power (W)	Efficiency (g/W)	Operating Temperature (°C)
MN2806-KV650	T-MOTOR P12X4	40%	15.47	237	0.04	1.21	3138	18.75	12.66	55°C
		45%	15.44	314	0.05	1.77	3589	27.41	11.47	
		50%	15.43	361	0.06	2.19	3851	33.73	10.71	
		55%	15.41	438	0.07	2.89	4236	44.49	9.85	
		60%	15.39	492	0.07	3.39	4469	52.23	9.43	
		65%	15.37	569	0.09	4.21	4802	64.76	8.78	
		70%	15.35	631	0.10	4.93	5054	75.60	8.34	
		75%	15.32	714	0.11	6.01	5384	92.08	7.75	
		80%	15.30	772	0.12	6.77	5584	103.58	7.45	
		85%	15.27	865	0.14	8.07	5895	123.26	7.02	
		90%	15.25	919	0.14	8.95	6083	136.53	6.73	
		95%	15.21	999	0.17	10.36	6345	157.65	6.34	
	100%	15.20	1036	0.17	11.04	6456	167.82	6.17		
	T-MOTOR P13X4.4	40%	15.51	269	0.04	1.32	2994	20.44	13.16	65°C
		45%	15.51	346	0.06	1.88	3371	29.13	11.87	
		50%	15.43	417	0.07	2.48	3694	38.30	10.89	
		55%	15.42	485	0.08	3.13	3989	48.20	10.06	
		60%	15.39	557	0.09	3.88	4278	59.69	9.34	
		65%	15.37	626	0.11	4.64	4538	71.38	8.78	
		70%	15.33	700	0.11	5.46	4777	83.73	8.36	
		75%	15.33	785	0.13	6.49	5041	99.46	7.90	
		80%	15.28	863	0.14	7.59	5284	115.98	7.44	
85%		15.25	941	0.15	8.77	5510	133.74	7.04		
90%	15.22	1015	0.16	10.01	5729	152.40	6.66			
95%	15.19	1090	0.18	11.29	5925	171.60	6.35			
100%	15.17	1138	0.18	12.28	6061	186.36	6.10			

Notes: Motor temperature is the motor surface temperature after running on 80% for 10 mins. (Based on T-MOTOR test benches, all data are for reference only. T-MOTOR reserves the right of final interpretation.)