

**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)	Operating Temperature (°C)
MN3110 KV700	11.1	T-MOTOR 11*3.7CF	50%	1.8	19.98	280	3900	14.01	39
			65%	3	33.30	380	4600	11.41	
			75%	4.3	47.73	500	5500	10.48	
			85%	5.6	62.16	600	6000	9.65	
			100%	6.9	76.59	700	6400	9.14	
		T-MOTOR 12*4CF	50%	2.1	23.31	320	3600	13.73	39
			65%	3.7	41.07	500	4500	12.17	
			75%	5.3	58.83	630	5000	10.71	
			85%	7.2	79.92	780	5700	9.76	
			100%	8.9	98.79	890	6100	9.01	
	T-MOTOR 13*4.4CF	50%	2.4	26.64	320	3500	12.01	45	
		65%	4.3	47.73	480	4500	10.06		
		75%	6.3	69.93	680	5000	9.72		
		85%	8.5	94.35	880	5600	9.33		
		100%	10.2	113.22	980	6000	8.66		
	14.8	T-MOTOR 10*3.3CF	50%	2.3	34.04	320	5500	9.40	42
			65%	3.5	51.80	430	6500	8.30	
			75%	5	74.00	560	7100	7.57	
			85%	6.8	100.64	700	8000	6.96	
			100%	8.1	119.88	800	8600	6.67	
T-MOTOR 11*3.7CF		50%	2.6	38.48	350	4900	9.10	42	
		65%	4.7	69.56	560	6000	8.05		
		75%	6.5	96.20	720	6900	7.48		
		85%	9	133.20	880	7600	6.61		
		100%	10	148.00	1030	8100	6.96		
T-MOTOR 12*4CF	50%	3.2	47.36	420	4800	8.87	47		
	65%	6.2	91.76	790	5700	8.61			
	75%	8.5	125.80	930	6500	7.39			
	85%	11.6	171.68	1190	7200	6.93			
	100%	14	207.20	1290	7600	6.23			

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