

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)
U3 KV700	11.1	T-MOTOR 12*4CF	50%	2.5	27.75	350	4000	12.61	40
			65%	4.8	53.28	550	4900	10.32	
			75%	6.6	73.26	700	5500	9.56	
			85%	9.1	101.01	870	6300	8.61	
			100%	11.1	123.21	1000	6600	8.12	
		T-MOTOR 13*4.4CF	50%	2.9	32.19	400	3800	12.43	42
			65%	5.6	62.16	650	4900	10.46	
			75%	7.9	87.69	830	5300	9.47	
			85%	10.5	116.55	1000	6000	8.58	
			100%	12.6	139.86	1100	6400	7.87	
		T-MOTOR 14*4.8CF	50%	4.1	45.51	550	3500	12.09	43
			65%	7.7	85.47	890	4500	10.41	
			75%	10.7	118.77	1060	4900	8.92	
			85%	14.5	160.95	1300	5500	8.08	
			100%	17.3	192.03	1460	5800	7.60	
	14.8	T-MOTOR 11*3.7CF	50%	3.2	47.36	460	5300	9.71	43
			65%	6	88.80	710	6500	8.00	
			75%	8.2	121.36	870	7500	7.17	
			85%	11	162.80	1080	8200	6.63	
			100%	13	192.40	1230	8700	6.39	
		T-MOTOR 12*4CF	50%	3.8	56.24	580	5000	10.31	43
			65%	7.4	109.52	880	6300	8.04	
			75%	10.3	152.44	1100	7300	7.22	
			85%	14	207.20	1360	7700	6.56	
			100%	16.8	248.64	1600	8300	6.44	
T-MOTOR 13*4.4CF	50%	4.7	69.56	730	4900	10.49	47		
	65%	9	133.20	1120	6100	8.41			
	75%	12.3	182.04	1400	6800	7.69			
	85%	16	236.80	1600	7400	6.76			
	100%	19.4	287.12	1800	7850	6.27			

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