

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 KV470	14.8	T-MOTOR 13*4.4CF	50%	1.5	22.20	290	3300	13.06	40
			65%	2.6	38.48	410	4000	10.65	
			75%	3.5	51.80	550	4600	10.62	
			85%	4.9	72.52	680	5200	9.38	
			100%	5.8	85.84	780	5500	9.09	
		T-MOTOR 14*4.8CF	50%	2.0	29.60	370	3000	12.50	50
			65%	3.5	51.80	600	3800	11.58	
			75%	5.0	74.00	790	4300	10.68	
			85%	7.0	103.60	990	4800	9.56	
			100%	8.0	118.40	1090	5050	9.21	
		T-MOTOR 15*5CF	50%	2.2	32.56	460	2800	14.13	53
			65%	4.3	63.64	730	3600	11.47	
			75%	6.2	91.76	930	4100	10.14	
			85%	8.2	121.36	1100	4500	9.06	
			100%	9.5	140.60	1220	4800	8.68	
	22.2	T-MOTOR 10*3.3CF	50%	1.5	33.30	350	5500	10.51	41
			65%	2.5	55.50	500	6500	9.01	
			75%	3.5	77.70	630	7300	8.11	
			85%	4.8	106.56	780	8300	7.32	
			100%	5.3	117.66	890	8600	7.56	
T-MOTOR 11*3.7CF		50%	1.9	42.18	430	4900	10.19	44	
		65%	3.5	77.70	690	6300	8.88		
		75%	5.0	111.00	860	7100	7.75		
		85%	6.3	139.86	1030	7700	7.36		
		100%	7.4	164.28	1110	8200	6.76		

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