

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)
U5 KV400	22.2	T-MOTOR 14*4.8CF	50%	3.4	75.48	800	4300	10.60	45
			65%	6.3	139.86	1200	5400	8.58	
			75%	8.5	188.70	1500	5900	7.95	
			85%	11.4	253.08	1820	6500	7.19	
			100%	13.7	304.14	2030	6950	6.67	
		T-MOTOR 15*5CF	50%	4.3	95.46	990	4200	10.37	50
			65%	7.9	175.38	1490	5200	8.50	
			75%	11.6	257.52	1900	5700	7.38	
			85%	14.5	321.90	2220	6200	6.90	
			100%	17.2	381.84	2480	6500	6.49	
		T-MOTOR 16*5.4CF	50%	5.2	115.44	1200	4050	10.40	59
			65%	9.4	208.68	1750	4850	8.39	
			75%	13	288.60	2120	5400	7.35	
			85%	16.9	375.18	2650	5850	7.06	
			100%	20	444.00	2850	6250	6.42	

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