



Specification

Test Item	KV380	Weight (Incl. Cable)	68g
Motor Dimensions	Φ44.35×21mm	Internal Resistance	194mΩ
Lead	50mm	Configuration	18N24P
Shaft Diameter	4mm	Rated Voltage(Lipo)	4-6S
Idle Current(22V)	0.3A	Peak Current(180s)	16A
Max. Power(180s)	380W		

Test Data

Type	Voltage (V)	Propeller	Throttle	Current (A)	Power (W)	RPM	Torque (N*m)	Thrust (g)	Efficiency (g/W)	Operating Temperature (°C)
		LIGPOWER 13*4.4"	50%	2.00	48	3719	0.10	544	11.33	30
			55%	2.50	60	4528	0.11	656	10.93	
			60%	3.10	74	4840	0.12	753	10.12	
			65%	3.70	89	5155	0.14	853	9.61	

MN4006 KV380	24	CF	75%	5.10	122	5451	0.17	1062	8.68	37			
			85%	6.80	163	6327	0.21	1286	7.88				
			100%	9.70	233	6515	0.27	1633	7.01				
		LIGPOWER	50%	2.40	58	3961	0.12	675	11.72		37		
			55%	3.20	77	4329	0.14	798	10.39				
			60%	3.80	91	4619	0.16	908	9.96				
		14*4.8"	65%	4.70	113	4925	0.18	1033	9.16			37	
			CF	75%	6.50	156	5485	0.22	1286				8.24
				85%	8.50	204	6004	0.27	1576				7.73
	100%	12.20		293	6731	0.34	1975	6.75	46				
	LIGPOWER	50%	3.10	74	3746	0.15	805	10.82		46			
		55%	4.10	98	4089	0.18	959	9.75					
		60%	4.80	115	4358	0.20	1093	9.49					
	15*5"	65%	5.80	139	4634	0.23	1236	8.88			46		
		CF	75%	8.30	199	5215	0.29	1561					7.84
			85%	10.70	257	5627	0.33	1823				7.10	
	100%		15.00	360	6177	0.40	2228	6.19				HOT	
	LIGPOWER	50%	3.70	89	3495	0.19	928	10.45					HOT
		55%	4.80	115	3817	0.22	1096	9.51					
		60%	5.90	142	4079	0.25	1258	8.88					
	16*5.4"	65%	7.20	173	4326	0.29	1427	8.26	HOT				
		CF	75%	10.00	240	4803	0.34	1740		7.25			
			85%	12.90	310	5119	0.39	1970		6.36			
	100%		17.50	420	5445	0.45	2309	5.50		HOT			

Note: The test condition of temperature is motor surface temperature at 100% throttle while the motor run 10min.
(Date above based on benchtest are for reference only, comparion with that of other motor types is not recommended.)

Packing List



Before using this product, please check if all the items listed above are included in the packaging. If there are any missing items, please contact our online customer service or leave message to "onlinesales@ligpower.com" in time.