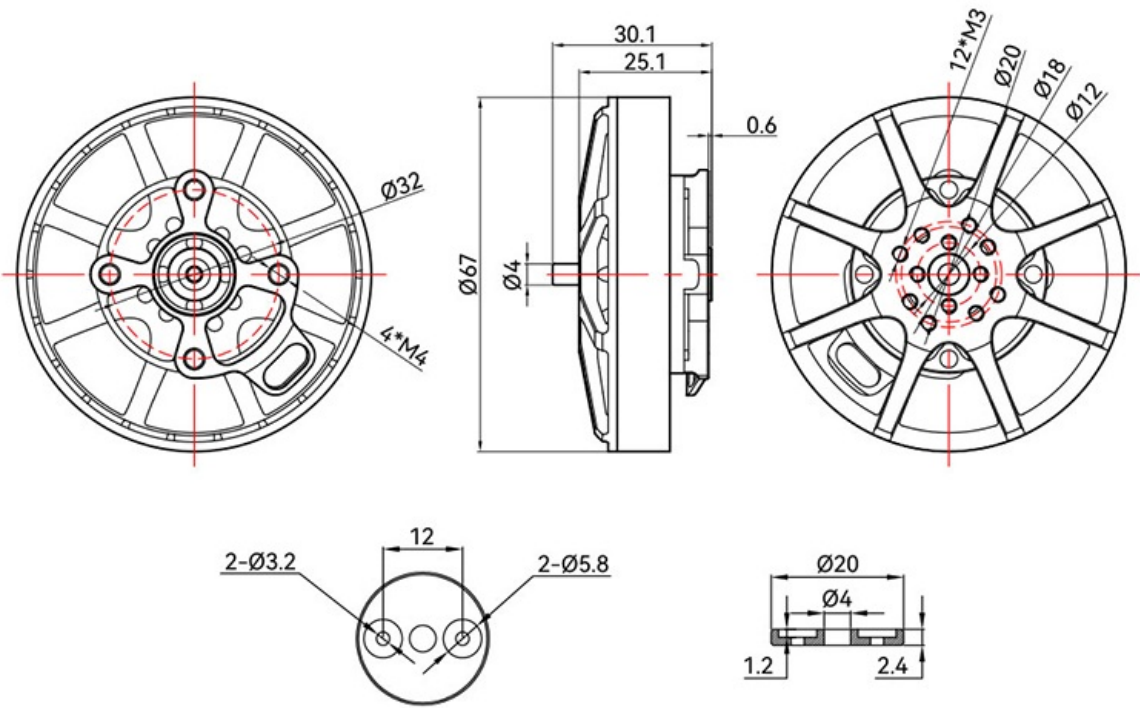




Specification

Test Item	KV160	Weight (Incl. Cable)	180g
Motor Dimensions	Φ67*30.1mm	Internal Resistance	227mΩ
Lead	Enameled Wire 60mm	Configuration	18N22P
Shaft Diameter	6mm	Rated Voltage(Lipo)	6-12S
Idle Current(22V)	0.5A	Peak Current(180s)	18A
Max. Power(180s)	864W		
Test Item	KV320	Weight (Incl. Cable)	180g
Motor Dimensions	Φ67*30.1mm	Internal Resistance	50mΩ
Lead	Enameled Wire 60mm	Configuration	18N22P
Shaft Diameter	6mm	Rated Voltage(Lipo)	6S
Idle Current(22V)	1.4A	Peak Current(180s)	39A
Max. Power(180s)	936W		

Test Data

Type	Propeller	Throttle	Voltage (V)	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Operating Temperature (°C)
		40%	47.95	1287	0.29	2.17	2686	104	12.37	
		42%	47.95	1359	0.30	2.37	2777	113	11.99	
		44%	47.94	1444	0.32	2.58	2864	124	11.69	

MN6007 KV320	LIGPOWER P21*6.3“ CF	40%	24.31	1342	0.30	4.76	2761	116	11.59	51 (Ambient Temperature: 22°C)
		42%	24.31	1433	0.32	5.18	2859	126	11.38	
		44%	24.29	1554	0.34	5.73	2952	139	11.16	
		46%	24.28	1657	0.37	6.27	3050	152	10.89	
		48%	24.27	1748	0.39	6.78	3150	165	10.63	
		50%	24.26	1845	0.41	7.39	3245	179	10.29	
		52%	24.25	1961	0.43	8.04	3333	195	10.06	
		54%	24.24	2073	0.46	8.64	3427	209	9.89	
		56%	24.22	2179	0.48	9.37	3518	227	9.60	
		58%	24.21	2307	0.51	10.10	3605	245	9.43	
		60%	24.20	2412	0.53	10.87	3689	263	9.17	
		62%	24.19	2536	0.56	11.54	3773	279	9.09	
		64%	24.17	2657	0.59	12.38	3854	299	8.88	
		66%	24.15	2803	0.62	13.29	3928	321	8.73	
		68%	24.13	2952	0.65	14.45	4039	349	8.47	
		70%	24.11	3065	0.67	15.19	4111	366	8.37	
		80%	24.03	3638	0.80	19.85	4471	477	7.63	
		90%	23.94	4263	0.94	25.23	4809	604	7.06	
		100%	23.80	5009	1.10	32.77	5231	780	6.42	
	LIGPOWER P22*6.6“ CF	40%	24.30	1573	0.37	5.65	2681	137	11.47	62 (Ambient Temperature: 22°C)
		42%	24.29	1677	0.39	6.16	2765	150	11.20	
		44%	24.27	1795	0.42	6.81	2858	165	10.86	
		46%	24.26	1895	0.44	7.42	2953	180	10.52	
		48%	24.25	2048	0.48	8.12	3036	197	10.40	
		50%	24.23	2156	0.51	8.83	3120	214	10.08	
		52%	24.22	2264	0.54	9.61	3205	233	9.73	
		54%	24.20	2409	0.57	10.48	3288	254	9.50	
		56%	24.19	2543	0.60	11.17	3369	270	9.41	
		58%	24.17	2666	0.63	12.04	3454	291	9.16	
		60%	24.16	2788	0.66	12.96	3536	313	8.90	
		62%	24.14	2927	0.69	13.85	3608	334	8.76	
		64%	24.12	3061	0.72	14.81	3684	357	8.57	
		66%	24.11	3194	0.75	15.67	3760	378	8.45	
		68%	24.09	3300	0.78	16.66	3830	401	8.22	
		70%	24.07	3421	0.80	17.57	3903	423	8.09	
		80%	23.97	4112	0.96	23.37	4256	560	7.34	

		90%	23.86	4694	1.11	29.44	4569	703	6.68	
		100%	23.70	5547	1.30	38.31	4935	908	6.11	
Note: Motor temperature is motor surface temperature at 100% throttle running 10mins. (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 " onsales@ligpower.com " in time.