

Motor Size	Φ87.8*31.5mm	Magnet Level	180℃ high temperature resistance	
Stator	Anti-rust treatment; 180℃High temperature-resisting coatings	Lead	14AWG*90mm	
Configuration	36N42P	Copper Wire	220℃ high temperature resistance	
Shaft Diameter	IN : 12mm	Coil Insulation Test	1000V/5s	
Bearing	Imported 6901ZZ	Rotor Dynamic Balance Standard	≤15Mg	
KV		100	Rated Voltage(Lipo)	12S
Idle Current (24V)		1.4A	Internal Resistance	65mΩ
Peak Current (180s)		52A	Weight (Incl. Cable)	392g
Max. Power (180s)		2423W	Package Weight	602g

Type	Propeller	Throttle	Voltage (V)	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Operating Temperature (°C)
MN8014 KV100	LIGPOWER G29*9.5"	40%	47.72	2325	0.79	4.00	1740	191	12.20	66°C
		45%	47.69	2831	0.95	5.17	1910	247	11.48	
		50%	47.66	3469	1.16	6.80	2108	324	10.70	
		55%	47.60	4283	1.42	9.11	2333	434	9.88	
		60%	47.53	5136	1.69	11.59	2552	551	9.32	
		65%	47.47	6019	1.99	14.76	2760	701	8.59	
		70%	47.39	6941	2.28	18.19	2958	862	8.05	
		75%	47.33	7818	2.56	21.59	3136	1022	7.65	
		80%	47.25	8712	2.85	25.48	3300	1204	7.24	
		90%	46.99	10536	3.44	33.82	3603	1589	6.63	
	100%	46.77	12823	4.19	45.68	3947	2136	6.00		
	LIGPOWER	40%	47.68	2720	0.94	4.62	1725	220	12.35	92°C
		45%	47.63	3255	1.12	6.01	1882	286	11.37	
		50%	47.50	3949	1.36	7.79	2062	370	10.68	
		55%	47.40	4858	1.67	10.51	2278	498	9.75	
		60%	47.29	5851	2.01	13.57	2494	642	9.12	

	G30*10.5”	65%	47.25	6771	2.32	16.93	2677	800	8.46
		70%	47.14	7798	2.67	20.93	2865	987	7.90
		75%	47.07	8790	3.01	25.04	3038	1179	7.46
		80%	47.01	9815	3.36	29.61	3198	1392	7.05
		90%	46.86	11778	4.04	39.55	3493	1853	6.36
		100%	46.65	13940	4.79	51.94	3775	2423	5.75
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.