



Specification

Motor Size	Φ121*43.5mm	Copper Wire	220°C high temperature resistance: Level C
Stator	Imported silicon steel sheet; Anti-rust treatment; 150°C high temperature-resisting coatings	Coil Insulation Test	1000V
Configuration	36N42P	Centrifugal Cooling Design	YES
Shaft Diameter	IN : 15mm	Rotor Dynamic Balance Standard	≤5Mg
Bearing	Imported 6902ZZ	Motor Dynamic Balance Standard	≤10Mg
Magnet Level	N45SH		
KV	70	Rated Voltage ( Lipo )	12-24S
Idle Current ( 18V )	1.35A	Propeller Recommendation	34-36寸
Peak Current ( 180s )	66.5A	Motor Weight (incl. Cable)	855g
Max.Power ( 180s )	5800W	Package Weight	1260g
Internal Resistance	49mΩ		

Test Data

Type	Propeller	Throttle	Voltage (V)	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Operating Temperature (°C)
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MN1015- KV70	G34*11.5	40%	88.66	6936	3.05	9.11	2261	808	8.59	120°C
		45%	88.61	8005	3.46	11.23	2432	995	8.05	
		50%	88.56	9192	3.95	13.65	2604	1208	7.61	
		55%	88.47	10597	4.49	16.89	2794	1494	7.09	
		60%	88.42	11982	5.03	19.99	2955	1768	6.78	
		65%	88.33	13389	5.62	23.76	3112	2099	6.38	
		70%	88.27	14802	6.18	27.40	3258	2419	6.12	
		75%	88.11	17067	7.13	33.97	3495	2993	5.70	
		80%	88.08	18785	7.73	37.70	3657	3321	5.66	
		90%	87.79	21789	8.91	48.60	3944	4266	5.11	
		100%	87.61	24332	9.87	56.87	4137	4982	4.88	
	G36*11.5	40%	88.67	7528	3.42	9.72	2170	862	8.73	195°C
		45%	88.62	9008	4.02	12.41	2362	1099	8.20	
		50%	88.54	10476	4.64	15.59	2537	1381	7.59	
		55%	88.46	12353	5.41	19.64	2734	1738	7.11	
		60%	88.38	13758	5.99	23.36	2880	2065	6.66	
		65%	88.26	15370	6.67	28.08	3015	2478	6.20	
		70%	88.20	16664	7.21	31.44	3129	2773	6.01	
		75%	88.05	19270	8.30	38.81	3356	3417	5.64	
		80%	87.96	21380	9.20	44.93	3522	3952	5.41	
		90%	87.69	24643	10.43	55.84	3754	4897	5.03	
		100%	87.43	27406	11.54	66.32	3932	5798	4.73	
<p>Note: Motor temperature is motor surface temperature at 100% throttle running 5mins. (Date above based on benchtest are for reference only,comparison with that of other motor types is not recommended.)</p>										

#### 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](mailto:onlinesales@ligpower.com)" in time.