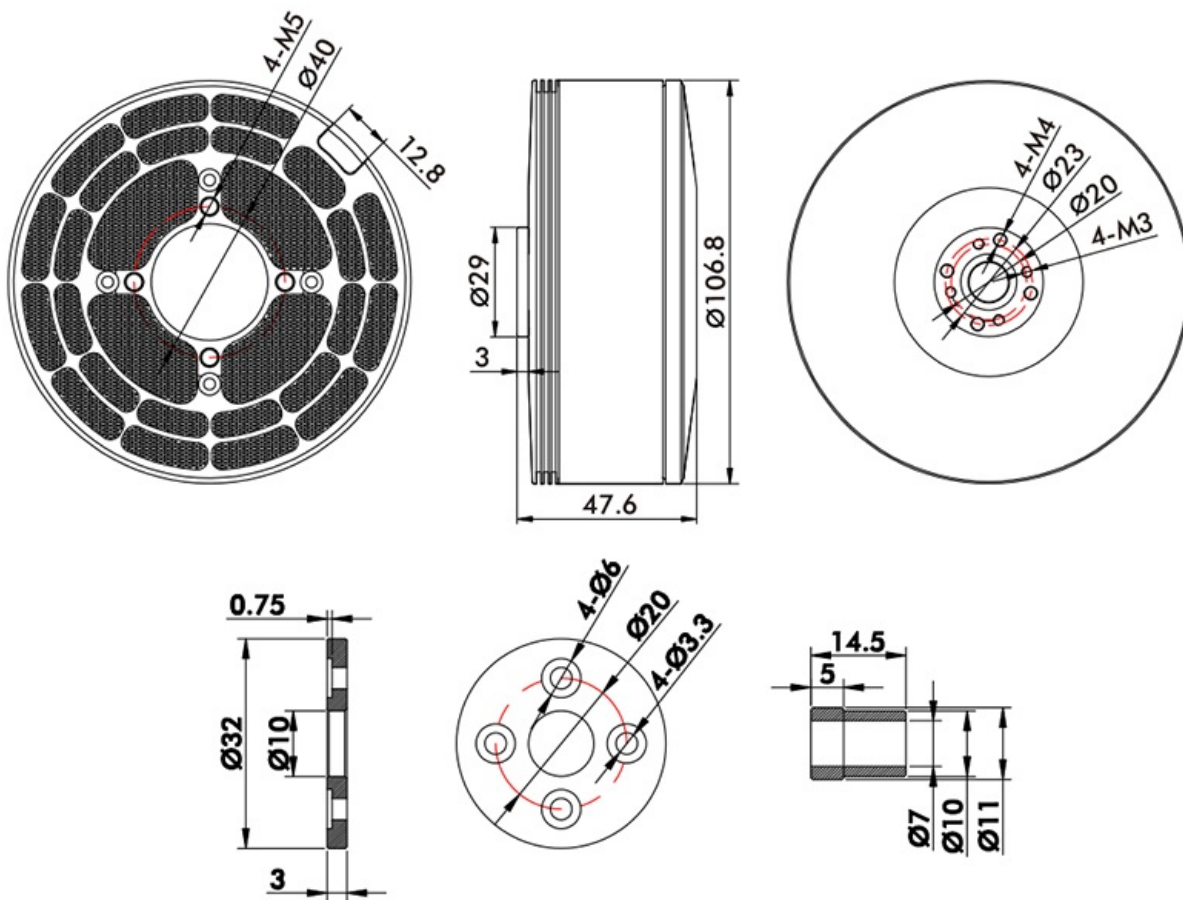




Specification

Test Item	KV120	Weight (Incl. Cable)	778g
Motor Dimensions	Φ106.8*47.6 mm	Internal Resistance	22mΩ
Lead	Enameled Wire 90mm	Configuration	36N42P
Shaft Diameter	15mm	Rated Voltage(Lipo)	10-14S
Idle Current(18V)	1.5A	Peak Current(180s)	95A
Max. Power	4560W		
Test Item	KV60	Weight (Incl. Cable)	803g
Motor Dimensions	Φ106.8*47.6 mm	Internal Resistance	75mΩ
Lead	Enameled Wire 90mm	Configuration	36N42P
Shaft Diameter	15mm	Rated Voltage(Lipo)	22-25S
Idle Current(18V)	1.7A	Peak Current(180s)	41A
Max. Power	4000W		

Test Data

[illegible]

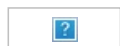
Type	Voltage (V)	Propeller	Throttle	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Temperature (°C)
U12II KV120	48	LIGPOWER G30*10.5"	50%	5500	1.9	14.5	2548	696	7.9	96 (Ambient Temperature: 24°C)
			55%	7400	2.7	22.5	2971	1080	6.85	
			60%	8800	3.2	28.3	3202	1358.4	6.48	
			65%	10200	3.8	34.6	3430	1660.8	6.14	
			75%	13300	5	49.2	3882	2361.6	5.63	
			85%	16300	6.2	66.4	4256	3187.2	5.11	
			100%	20400	7.9	94.3	4742	4526.4	4.51	

Note: Motor temperature is motor surface temperature at 100% throttle running 5mins.
(Date above based on benchtest are for reference only, comparion with that of other motor types is not recommended.)

U12 II KV60	G29*9.5	40%	99.57	5626	2.0	7.5	2800	747	7.5	90°C (Ambient Temperature: 24°C)
		45%	99.55	6236	2.2	8.6	2944	852	7.3	
		50%	99.51	6840	2.4	9.7	3086	970	7.1	
		55%	99.48	7494	2.7	11.1	3231	1102	6.8	
		60%	99.45	8041	2.9	12.3	3358	1220	6.6	
		65%	99.42	8758	3.2	13.8	3495	1369	6.4	
		70%	99.38	9524	3.5	15.4	3637	1528	6.2	
		75%	99.32	10469	3.9	17.6	3814	1747	6.0	
		80%	99.29	11560	4.3	20.0	4009	1988	5.8	
		90%	99.14	14175	5.3	26.6	4435	2636	5.4	
		100%	99.01	16668	6.1	33.5	4804	3313	5.0	
	G30*10.5	40%	99.72	5990	2.3	7.9	2670	788	7.6	107°C (Ambient Temperature: 24°C)
		45%	99.70	6631	2.5	9.1	2818	907	7.3	
		50%	99.65	7289	2.8	10.4	2958	1037	7.0	
		55%	99.63	8053	3.1	11.8	3098	1179	6.8	
		60%	99.60	8744	3.3	13.3	3224	1321	6.6	
		65%	99.55	9657	3.7	15.3	3382	1520	6.4	
		70%	99.50	10598	4.1	17.4	3547	1736	6.1	
		75%	99.38	11775	4.6	20.5	3740	2038	5.8	
		80%	99.40	13186	5.2	23.3	3946	2313	5.7	
		90%	99.22	16096	6.3	31.0	4348	3078	5.2	
		100%	98.99	19014	7.4	40.4	4709	3997	4.8	

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.