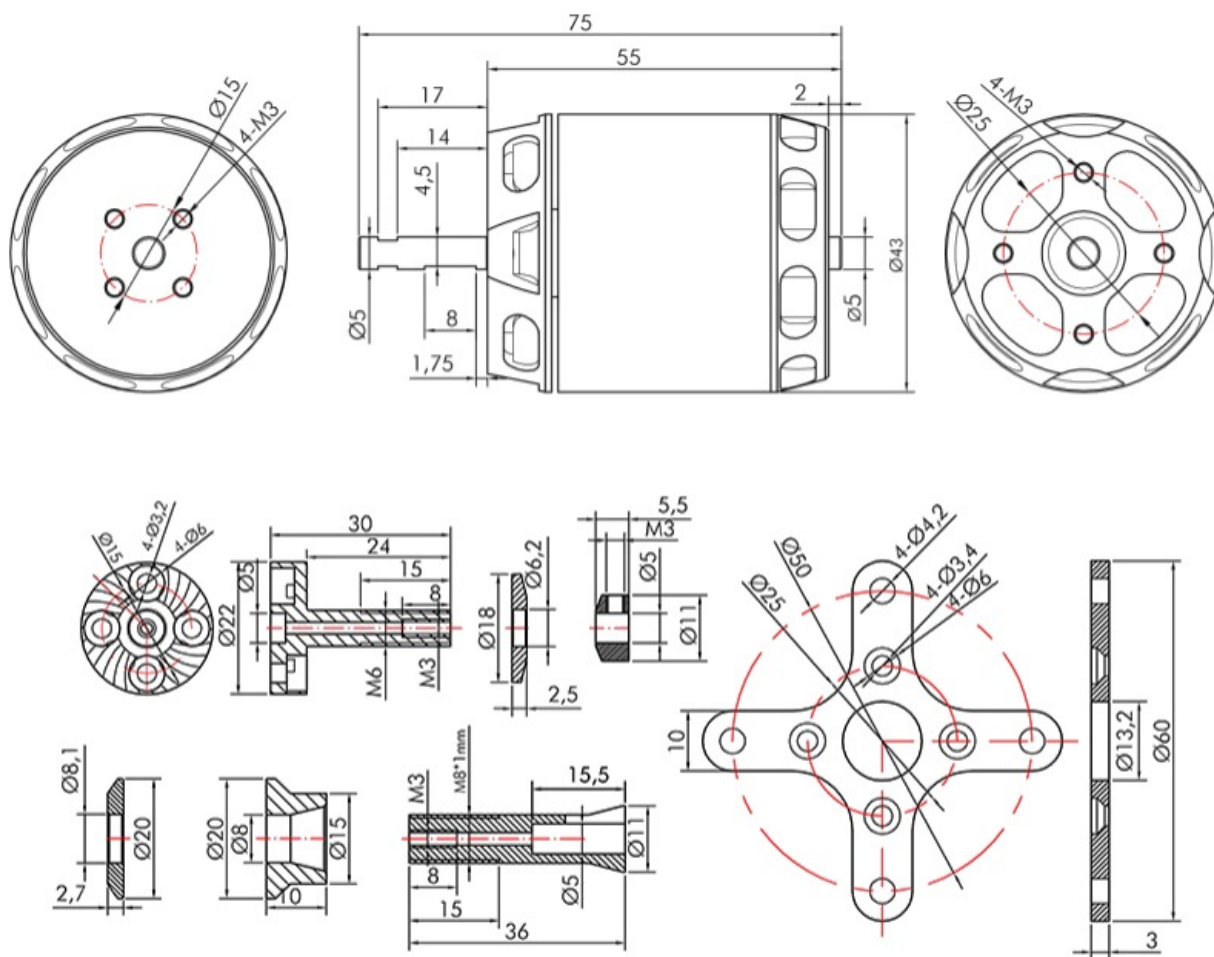




Specification

Test Item	Long Shaft KV580	Weight (Incl. Cable)	298g
Motor Dimensions	Φ43*75mm	Internal Resistance	18mΩ
Lead	100mm	Configuration	12N14P
Shaft Diameter	IN : 5mm OUT : 5mm	Rated Voltage(Lipo)	4-6S
Idle Current(10V)	1.9A	Peak Current(180s)	65A
Max Power (180S)	1400W	Recommendation	/

Test Data

Type	Propeller	Throttle	Voltage (V)	Current (A)	Power (W)	RPM	Torque (N*m)	Thrust (g)	Efficiency (g/W)	Operating Temperature (°C)
		40%	22.45	8.28	186.02	5419	0.245	1263	6.79	/
		45%	22.42	10.02	224.67	5815	0.282	1448	6.45	
		50%	22.39	11.88	265.99	6160	0.324	1653	6.22	
		55%	22.36	13.93	311.31	6492	0.365	1852	5.95	
		60%	22.31	16.71	372.77	6911	0.414	2107	5.65	

AT3530 Long Shaft KV580	APC 13*8	65%	22.24	20.48	455.55	7379	0.482	2439	5.35	(Ambient Temperature: /)
		70%	22.18	24.14	535.51	7782	0.541	2723	5.08	
		75%	22.11	28.75	635.48	8243	0.614	3062	4.82	
		80%	22.02	33.81	744.61	8637	0.690	3265	4.38	
		85%	21.90	41.07	899.42	8998	0.801	3429	3.81	
		90%	21.80	47.32	1031.51	9378	0.880	3743	3.63	
		100%	21.69	54.04	1171.88	9678	0.968	4082	3.48	
	APC 14*7	40%	22.44	8.67	194.49	5297	0.262	1382	7.11	74 (Ambient Temperature: /)
		45%	22.41	10.30	230.82	5615	0.301	1581	6.85	
		50%	22.37	12.36	276.51	5965	0.344	1795	6.49	
		55%	22.33	15.00	334.90	6352	0.398	2063	6.16	
		60%	22.28	18.33	408.36	6775	0.460	2369	5.80	
		65%	22.20	22.60	501.85	7255	0.536	2736	5.45	
		70%	22.12	27.38	605.52	7686	0.611	3104	5.13	
		75%	22.05	31.93	704.03	8073	0.686	3450	4.90	
		80%	21.96	37.14	815.64	8436	0.766	3826	4.69	
		85%	21.84	44.15	964.40	8863	0.864	4265	4.42	
		90%	21.72	51.40	1116.61	9246	0.958	4660	4.17	
		100%	21.61	58.46	1263.33	9496	1.052	4805	3.80	
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 " onlinesales@ligpower.com " in time.