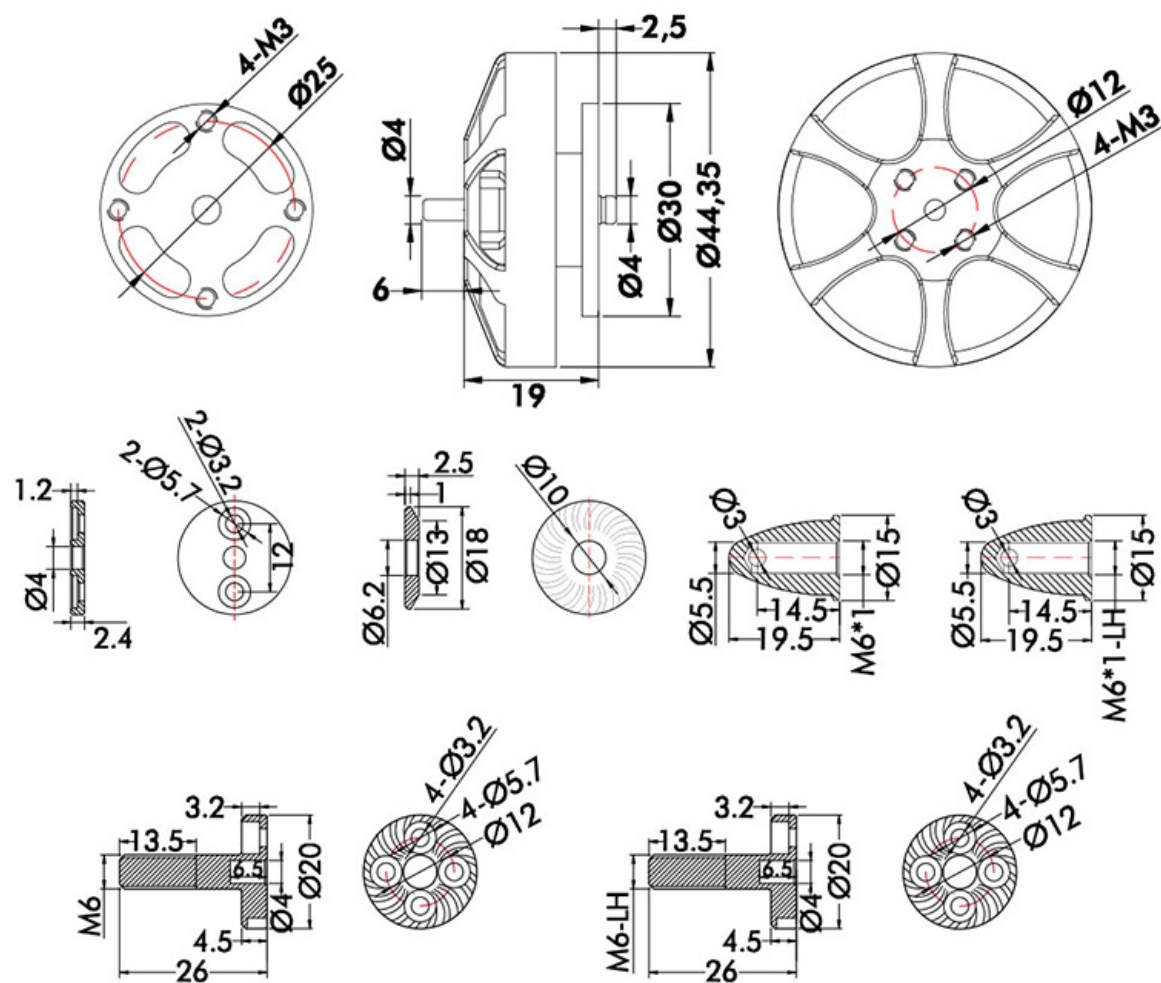




Specification

Test Item	300	Weight (Incl. Cable)	53g
Motor Dimensions	$\varnothing 44.35 \times 19 \text{mm}$	Internal Resistance	452m Ω
Lead	50mm	Configuration	18N24P
Shaft Diameter	4mm	Rated Voltage(Lipo)	4-6S
Idle Current(22V)	0.2A	Peak Current(180s)	9A
Max. Power(180s)	216W		
Test Item	400	Weight (Incl. Cable)	53g
Motor Dimensions	$\varnothing 44.35 \times 19 \text{mm}$	Internal Resistance	359m Ω
Lead	50mm	Configuration	18N24P
Shaft Diameter	4mm	Rated Voltage(Lipo)	4-6S
Idle Current(22V)	0.2A	Peak Current(180s)	12A
Max. Power(180s)	300W		

Test Data

Type	Voltage (V)	Propeller	Throttle	Current (A)	Power (W)	RPM	Torqu (N*m)	Thrust (g)	Efficiency (g/W)	Operatin Temperature (°C)
MN4004 KV300	24	LIGPOWER 13*4.4” CF	50%	0.90	22	3173	0.06	311	14.40	30
			55%	1.10	26	3415	0.07	358	13.56	
			60%	1.40	34	3660	0.07	416	12.38	
			65%	1.70	41	3914	0.09	477	11.69	
			75%	2.40	58	4394	0.11	608	10.56	
			85%	3.30	79	4876	0.13	754	9.52	
			100%	4.20	101	5317	0.16	895	8.88	
		LIGPOWER 14*4.8” CF	50%	1.10	26	3045	0.08	374	14.17	44
			55%	1.40	34	3285	0.09	439	13.07	
			60%	1.70	41	3530	0.10	507	12.43	
			65%	2.10	50	3740	0.11	586	11.63	
			75%	3.10	74	4208	0.14	753	10.12	
			85%	4.30	103	4670	0.17	930	9.01	
			100%	5.40	130	5092	0.20	1107	8.54	
		LIGPOWER 15*5” CF	50%	1.40	34	2860	0.09	474	14.11	56
			55%	1.90	46	3108	0.11	561	12.30	
			60%	2.30	55	3336	0.12	646	11.70	
			65%	2.80	67	3540	0.14	727	10.82	
			75%	4.00	96	3966	0.17	918	9.56	
			85%	5.60	134	4383	0.20	1110	8.26	
			100%	7.50	180	4711	0.24	1311	7.28	
		LIGPOWER 16*5.4” CF	50%	1.80	43	2689	0.11	534	12.36	75
			55%	2.30	55	2928	0.13	636	11.52	
			60%	2.90	70	3135	0.15	742	10.66	
			65%	3.50	84	3325	0.17	829	9.87	
			75%	5.10	122	3640	0.20	1028	8.40	
			85%	7.10	170	4000	0.24	1203	7.06	
			100%	8.90	214	4210	0.27	1295	6.06	
		LIGPOWER 17*5.8”	50%	2.10	50	2600	0.13	586	11.63	HOT
			55%	2.70	65	2801	0.15	691	10.66	
			60%	3.40	82	2990	0.17	802	9.83	
			65%	4.10	98	3162	0.19	890	9.04	

		CF	75%	5.90	142	3455	0.23	1088	7.68	
			85%	8.40	202	3670	0.24	1241	6.16	
			100%	10.20	245	3750	0.26	1290	5.27	
MN4004 KV400	24	LIGPOWER 13*4.4” CF	50%	1.80	43	3813	0.08	448	10.37	33
			55%	2.20	53	4146	0.09	535	10.13	
			60%	2.70	65	4458	0.10	609	9.40	
			65%	3.30	79	4736	0.12	698	8.81	
			75%	4.60	110	5308	0.14	885	8.02	
			85%	6.30	151	5841	0.18	1067	7.06	
			100%	8.20	197	6391	0.21	1311	6.66	
		LIGPOWER 14*4.8” CF	50%	2.20	53	3623	0.10	566	10.72	54
			55%	2.70	65	3915	0.11	670	10.34	
			60%	3.30	79	4175	0.13	766	9.67	
			65%	4.10	98	4448	0.15	872	8.86	
			75%	5.80	139	4941	0.18	1078	7.74	
			85%	7.80	187	5392	0.21	1270	6.78	
			100%	10.40	250	5766	0.24	1521	6.09	
Note: The test condition of temperature is motor surface temperature at 100% throttle while the motor run 10min. (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.