Technical Drawing

Specification

Test Item	Long Shaft KV200	Weight (Incl. Cable)	550g
Motor Dimensions	Φ81.4*57.9mm	Internal Resistance	27mΩ
Lead	Enameled Wire 100mm	Configuration	24N22P
Shaft Diameter	IN：10mm OUT：10mm	Rated Voltage(Lipo)	10-12S
Idle Current(10V)	2.4A	Peak Current(180s)	95A
Max Power (180S)	4400W/12S		
Test Item	Long Shaft KV220	Weight (Incl. Cable)	565g
Motor Dimensions	Φ81.4*57.9mm	Internal Resistance	24mΩ
Lead	Enameled Wire 100mm	Configuration	24N22P
Shaft Diameter	IN：10mm OUT：10mm	Rated Voltage(Lipo)	10-12S
Idle Current(10V)	2.4A	Peak Current(180s)	100A
Max Power (180S)	4500W/12S		
Test Item	Long Shaft KV245	Weight (Incl. Cable)	555g
Motor Dimensions	Φ81.4*57.9mm	Internal Resistance	20mΩ
Lead	Enameled Wire 100mm	Configuration	24N22P
Shaft Diameter	IN：10mm OUT：10mm	Rated Voltage(Lipo)	8-10S
Idle Current(10V)	2.4A	Peak Current(180s)	110A
Max Power (180S)	5000W/12S		
Test Item	Long Shaft KV270	Weight (Incl. Cable)	560g
Motor Dimensions	Φ81.4*57.9mm	Internal Resistance	17mΩ
Lead	Enameled Wire 100mm	Configuration	24N22P
Shaft Diameter	IN：10mm OUT：10mm	Rated Voltage(Lipo)	8S
Idle Current(10V)	2.4A	Peak Current(180s)	120A
Max Power (180S)	4800W/10S		

Test Data

Type	Propeller	Throttle	Voltage (V)	Current (A)	Power (W)	RPM	Torque (N*m)	Thrust (g)	Efficiency (g/W)	Operating Temperature (°C)
		40%	44.25	5.64	249.81	3494	0.532	1833	7.34	

	19*10	45%	44.22	7.41	327.75	3890	0.650	2312	7.05	/
		50%	44.15	10.26	453.08	4356	0.795	2878	6.35	
		55%	44.08	13.28	585.57	4813	0.946	3477	5.94	
		60%	44.02	16.59	730.16	5206	1.110	4086	5.60	
		65%	43.91	21.80	957.40	5698	1.337	4903	5.12	
		70%	43.79	27.16	1189.47	6128	1.562	5710	4.80	
		75%	43.66	33.60	1466.85	6547	1.821	6582	4.49	
		80%	43.53	39.60	1723.40	6882	2.050	7366	4.27	
		90%	43.23	53.83	2327.01	7599	2.537	8911	3.83	
		100%	42.84	71.55	3065.09	8208	3.126	10555	3.44	
	19*10	40%	47.85	6.24	298.61	3754	0.628	2144	7.18	97 (Ambient Temperature: /)
		45%	47.81	8.24	394.17	4168	0.745	2664	6.76	
		50%	47.74	11.29	538.84	4655	0.896	3309	6.14	
		55%	47.65	15.05	717.02	5130	1.070	4028	5.62	
		60%	47.54	20.64	981.02	5702	1.326	4961	5.06	
		65%	47.44	24.88	1180.30	6099	1.540	5646	4.78	
		70%	47.31	31.04	1468.57	6539	1.845	6599	4.49	
		75%	47.16	38.37	1809.84	6967	2.164	7656	4.23	
		80%	47.01	45.66	2146.37	7338	2.450	8595	4.00	
		90%	46.64	63.09	2942.14	8077	3.018	10449	3.55	
		100%	46.17	84.64	3907.52	8681	3.758	11572	2.96	
	20*10	40%	36.92	4.81	177.64	2959	0.453	1561	8.79	/
		45%	36.89	6.29	231.88	3295	0.549	1932	8.33	
		50%	36.83	8.69	319.91	3712	0.676	2434	7.61	
		55%	36.78	11.26	414.10	4096	0.794	2926	7.07	
		60%	36.72	14.08	517.13	4437	0.917	3411	6.60	
		65%	36.65	16.99	622.72	4739	1.046	3919	6.29	
		70%	36.57	21.17	773.99	5108	1.221	4533	5.86	
		75%	36.44	27.50	1002.10	5548	1.465	5452	5.44	
		80%	36.32	32.85	1192.97	5848	1.677	6155	5.16	
		90%	36.06	44.99	1622.41	6452	2.089	7553	4.66	
		100%	35.78	58.37	2088.34	6984	2.483	8906	4.26	
		40%	41.86	5.71	239.01	3308	0.544	1730	8.03	
		45%	41.81	7.58	316.78	3679	0.654	2387	7.54	
		50%	41.75	10.44	435.94	4124	0.807	3008	6.90	
		55%	41.69	13.63	568.04	4544	0.967	3649	6.43	

AT7215 KV200	20*10	60%	41.60	17.16	713.87	4917	1.121	4278	5.99	83 (Ambient Temperature: /)
		65%	41.54	20.64	857.26	5262	1.298	4954	5.78	
		70%	41.37	28.11	1162.88	5778	1.597	5987	5.15	
		75%	41.24	34.52	1423.40	6165	1.847	6856	4.82	
		80%	41.10	41.04	1686.80	6491	2.095	7725	4.58	
		90%	40.78	56.18	2291.12	7147	2.593	9423	4.11	
		100%	40.42	72.81	2943.12	7726	3.082	11037	3.75	
	20*10	40%	44.27	6.15	272.19	3468	0.617	2145	7.88	/
		45%	44.23	8.16	360.87	3862	0.744	2677	7.42	
		50%	44.16	11.30	499.16	4322	0.910	3363	6.74	
		55%	44.06	15.29	673.65	4748	1.083	4093	6.08	
		60%	43.99	18.76	825.33	5157	1.253	4769	5.78	
		65%	43.86	25.02	1097.33	5641	1.535	5773	5.26	
		70%	43.74	30.86	1349.86	6051	1.813	6646	4.93	
		75%	43.59	37.90	1652.12	6466	2.108	7630	4.62	
		80%	43.45	44.57	1936.48	6803	2.350	8479	4.38	
		90%	43.08	61.70	2658.50	7474	2.901	10381	3.90	
		100%	42.67	80.63	3440.97	8063	3.439	12188	3.54	
	20*10	40%	47.89	6.97	333.95	3713	0.692	2464	7.38	115 (Ambient Temperature: /)
		45%	47.85	9.16	438.13	4124	0.834	3066	7.00	
		50%	47.77	12.53	598.59	4602	1.024	3842	6.42	
		55%	47.69	16.62	792.70	5082	1.227	4629	5.84	
		60%	47.54	23.11	1098.68	5647	1.527	5721	5.21	
		65%	47.44	28.18	1336.89	6031	1.785	6549	4.90	
		70%	47.30	34.76	1644.07	6468	2.095	7535	4.58	
		75%	47.12	43.28	2039.31	6884	2.431	8706	4.27	
		80%	46.95	51.19	2403.45	7247	2.714	9693	4.03	
		90%	46.52	71.10	3307.89	7946	3.354	11886	3.59	
		100%	46.02	93.67	4310.69	8522	3.978	13850	3.21	
	21*10	40%	36.93	5.36	198.12	2917	0.528	1822	9.20	/
		45%	36.88	7.22	266.16	3244	0.655	2286	8.59	
		50%	36.82	10.16	374.05	3654	0.856	2920	7.81	
		55%	36.75	13.47	495.18	4025	1.031	3542	7.16	
		60%	36.67	17.10	626.99	4360	1.221	4198	6.70	
		65%	36.59	20.60	753.95	4664	1.361	4762	6.32	

		70%	36.48	25.92	945.36	5010	1.561	5492	5.81	
		75%	36.36	31.98	1162.81	5380	1.810	6361	5.47	
		80%	36.20	39.17	1418.05	5722	2.072	7214	5.09	
		90%	35.89	53.72	1928.39	6296	2.607	8808	4.57	
		100%	35.54	70.32	2499.01	6784	3.102	10457	4.18	
	21*10	40%	41.86	6.55	274.18	3247	0.621	2290	8.35	121 (Ambient Temperature: /)
		45%	41.81	8.77	366.60	3613	0.754	2847	7.77	
		50%	41.74	12.04	502.43	4054	0.930	3561	7.09	
		55%	41.66	16.10	670.60	4466	1.156	4341	6.48	
		60%	41.56	20.57	854.77	4845	1.378	5126	6.00	
		65%	41.46	24.84	1029.64	5168	1.585	5836	5.67	
		70%	41.28	33.57	1385.77	5658	1.981	7058	5.09	
		75%	41.12	41.07	1688.61	6026	2.284	8047	4.77	
		80%	40.96	48.72	1995.51	6332	2.568	8992	4.51	
		90%	40.57	67.08	2721.25	6930	3.167	10998	4.04	
		100%	40.12	87.84	3523.62	7450	3.739	12869	3.65	
Note: Motor temperature is motor surface temperature at 100% throttle running 3mins. (Date above based on benchtest are for reference only, comparion with that of other motor types is not recommended.)										
	19*10	40%	43.93	6.27	275.62	3667	0.492	1956	7.10	89 (Ambient Temperature: /)
		45%	43.88	8.37	367.29	4086	0.612	2469	6.72	
		50%	43.82	11.23	492.26	4542	0.769	3066	6.23	
		55%	43.72	15.46	675.76	5037	0.948	3795	5.62	
		60%	43.62	20.91	911.80	5583	1.173	4709	5.16	
		65%	43.50	25.56	1111.85	5972	1.349	5408	4.86	
		70%	43.39	31.66	1373.76	6408	1.579	6277	4.57	
		75%	43.25	38.52	1665.86	6839	1.798	7139	4.29	
		80%	43.11	45.43	1958.91	7206	2.019	7991	4.08	
		90%	42.66	62.78	2678.19	7909	2.511	9688	3.62	
		100%	42.23	84.85	3582.90	8476	3.102	10729	2.99	
	19*10	40%	47.54	7.13	338.88	3976	0.574	2301	6.79	/
		45%	47.48	9.50	451.09	4414	0.718	2879	6.38	
		50%	47.40	12.85	609.30	4901	0.899	3584	5.88	
		55%	47.25	18.81	888.73	5513	1.144	4582	5.16	
		60%	47.16	23.96	1129.80	5999	1.360	5435	4.81	
		65%	46.92	29.01	1361.27	6410	1.569	6257	4.60	

		70%	46.78	35.26	1649.36	6840	1.806	7181	4.35	
		75%	46.64	43.92	2048.81	7301	2.086	8218	4.01	
		80%	46.47	52.44	2436.89	7698	2.353	9185	3.77	
		90%	46.04	74.62	3435.64	8381	3.016	10521	3.06	
		100%	45.62	98.87	4510.54	9002	3.611	11865	2.63	
	20*10	40%	36.63	5.48	200.90	3130	0.417	1648	8.20	/
		45%	36.58	7.23	264.33	3484	0.518	2068	7.82	
		50%	36.53	9.91	361.83	3904	0.651	2609	7.21	
		55%	36.44	13.37	487.14	4302	0.798	3207	6.58	
		60%	36.36	16.56	602.21	4649	0.942	3782	6.28	
		65%	36.35	19.42	705.98	4965	1.074	4300	6.09	
		70%	36.18	24.65	892.04	5335	1.241	4998	5.60	
		75%	36.02	32.28	1162.80	5803	1.482	5953	5.12	
		80%	35.80	37.57	1344.80	6109	1.642	6588	4.90	
		90%	35.57	50.95	1812.52	6738	2.018	8054	4.44	
		100%	35.27	66.48	2344.83	7277	2.405	9551	4.07	
	20*10	40%	41.55	6.52	270.85	3502	0.523	2091	7.72	83 (Ambient Temperature: /)
		45%	41.50	8.64	358.67	3887	0.650	2607	7.27	
		50%	41.42	11.86	491.36	4341	0.815	3279	6.67	
		55%	41.30	15.88	655.99	4777	0.994	3995	6.09	
		60%	41.22	19.80	816.29	5168	1.167	4702	5.76	
		65%	40.99	25.92	1062.24	5642	1.392	5585	5.26	
		70%	40.86	32.05	1309.67	6041	1.611	6459	4.93	
		75%	40.72	39.64	1614.06	6446	1.855	7418	4.60	
		80%	40.61	46.34	1881.77	6785	2.066	8248	4.38	
		90%	40.26	63.70	2564.62	7455	2.555	10122	3.95	
AT7215 KV220		100%	39.89	83.10	3314.87	8027	3.031	11884	3.59	
	20*10	40%	43.91	7.02	308.23	3669	0.570	2279	7.40	87 (Ambient Temperature: /)
		45%	43.87	9.22	404.34	4071	0.710	2844	7.03	
		50%	43.75	12.76	558.30	4535	0.887	3565	6.39	
		55%	43.64	17.56	766.54	5000	1.082	4346	5.67	
		60%	43.52	23.53	1024.26	5544	1.338	5367	5.24	
		65%	43.31	28.33	1226.94	5913	1.530	6114	4.98	
		70%	43.18	35.07	1514.33	6339	1.775	7065	4.67	
		75%	43.04	42.91	1846.71	6753	2.033	8106	4.39	

		80%	42.90	50.75	2177.07	7107	2.279	9042	4.15	
		90%	42.52	69.80	2967.96	7789	2.814	11019	3.71	
		100%	42.10	91.96	3871.53	8365	3.363	12900	3.33	
	20*10	40%	47.54	7.87	373.90	3926	0.659	2626	7.02	/
		45%	47.48	10.47	496.90	4344	0.809	3261	6.56	
		50%	47.40	14.16	671.27	4820	1.008	4054	6.04	
		55%	47.19	20.06	946.89	5358	1.249	5025	5.31	
		60%	46.98	26.61	1250.14	5900	1.536	6179	4.94	
		65%	46.82	32.71	1531.71	6320	1.775	7102	4.64	
		70%	46.72	39.99	1868.31	6759	2.049	8184	4.38	
		75%	46.56	49.17	2289.33	7188	2.351	9348	4.08	
		80%	46.36	59.21	2745.12	7570	2.655	10505	3.83	
		90%	45.96	80.46	3697.56	8264	3.239	12511	3.38	
		100%	45.48	106.60	4848.68	8859	3.872	14307	2.95	
	21*10	40%	36.58	6.27	229.40	3085	0.500	1925	8.39	84 (Ambient Temperature: /)
		45%	36.52	8.34	304.46	3427	0.624	2416	7.94	
		50%	36.43	11.87	432.36	3839	0.793	3076	7.11	
		55%	36.35	15.49	563.21	4224	0.966	3743	6.65	
		60%	36.26	19.70	714.16	4576	1.140	4422	6.19	
		65%	36.15	23.55	851.35	4881	1.294	5030	5.91	
		70%	35.94	29.26	1051.67	5228	1.505	5849	5.56	
		75%	35.76	38.20	1365.89	5665	1.781	6923	5.07	
		80%	35.62	45.04	1604.00	5958	1.995	7740	4.83	
		90%	35.32	61.32	2165.99	6541	2.442	9407	4.34	
		100%	34.98	78.82	2756.77	7040	2.857	10944	3.97	
	21*10	40%	41.53	7.47	310.30	3442	0.622	2419	7.80	/
		45%	41.46	9.94	412.31	3822	0.778	3025	7.34	
		50%	41.30	13.73	567.18	4247	0.970	3763	6.63	
		55%	41.13	18.57	763.90	4678	1.192	4635	6.07	
		60%	41.01	23.67	970.90	5063	1.409	5465	5.63	
		65%	40.85	31.16	1272.87	5534	1.688	6568	5.16	
		70%	40.76	38.06	1551.35	5916	1.941	7540	4.86	
		75%	40.55	46.97	1904.43	6293	2.223	8605	4.52	
		80%	40.40	55.28	2233.35	6608	2.479	9542	4.27	
		90%	40.03	75.93	3039.83	7216	3.042	11585	3.81	
		100%	39.59	99.67	3945.57	7726	3.615	13551	3.43	

Note: Motor temperature is motor surface temperature at 100% throttle running 3mins. (Date above based on benchtest are for reference only, comparion with that of other motor types is not recommended.)										
	18*10	40%	36.88	6.74	248.78	3681	0.508	1721	6.92	/
		45%	36.83	9.24	340.17	4147	0.705	2207	6.49	
		50%	36.75	12.77	469.25	4629	0.862	2763	5.89	
		55%	36.68	15.99	586.52	5048	1.009	3291	5.61	
		60%	36.56	21.67	792.09	5568	1.215	4015	5.07	
		65%	36.45	26.84	978.43	6014	1.391	4703	4.81	
		70%	36.33	32.57	1183.31	6451	1.550	5324	4.50	
		75%	36.18	39.66	1434.73	6807	1.779	5832	4.07	
		80%	36.04	46.63	1680.64	7180	1.989	6425	3.82	
		90%	35.66	64.50	2299.79	7864	2.449	7610	3.31	
		100%	35.57	67.85	2413.58	7977	2.524	7821	3.24	
	18*10	40%	41.84	7.90	330.42	4114	0.567	2137	6.47	74 (Ambient Temperature: /)
		45%	41.77	10.92	456.05	4638	0.730	2721	5.97	
		50%	41.67	15.09	629.07	5175	0.918	3402	5.41	
		55%	41.54	20.97	871.01	5769	1.174	4282	4.92	
		60%	41.45	25.77	1068.30	6209	1.314	4969	4.65	
		65%	41.31	32.54	1344.19	6707	1.569	5797	4.31	
		70%	41.12	41.06	1688.62	7150	1.859	6344	3.76	
		75%	40.94	49.54	2028.15	7554	2.124	7040	3.47	
		80%	40.76	58.37	2379.15	7949	2.379	7765	3.26	
		90%	40.24	82.34	3313.24	8659	3.062	8817	2.66	
		100%	40.14	86.09	3455.73	8775	3.161	9037	2.62	
	18*10	40%	43.99	7.00	307.94	3993	0.504	2015	6.54	/
		45%	43.93	9.34	410.23	4450	0.626	2520	6.14	
		50%	43.88	12.31	540.14	4934	0.769	3104	5.75	
		55%	43.74	17.92	784.05	5570	0.990	3984	5.08	
		60%	43.65	23.09	1007.86	6033	1.215	4558	4.52	
		65%	43.55	28.07	1222.32	6440	1.411	5090	4.16	
		70%	43.42	34.50	1497.91	6882	1.628	5830	3.89	
		75%	43.26	42.65	1844.98	7350	1.880	6674	3.62	
		80%	43.12	50.14	2161.86	7756	2.103	7392	3.42	
		90%	42.70	70.56	3013.03	8461	2.660	8268	2.74	
		100%	42.28	91.76	3879.71	9113	3.149	9570	2.47	

	18*10	40%	47.61	7.86	374.23	4301	0.582	2347	6.27	102 (Ambient Temperature: /)
		45%	47.55	10.34	491.65	4777	0.724	2893	5.89	
		50%	47.46	14.05	666.98	5307	0.896	3586	5.38	
		55%	47.34	20.34	962.73	5942	1.163	4455	4.63	
		60%	47.22	26.29	1241.45	6457	1.423	5157	4.15	
		65%	47.11	32.06	1510.05	6888	1.637	5842	3.87	
		70%	46.97	39.37	1848.91	7369	1.886	6691	3.62	
		75%	46.78	48.87	2286.20	7855	2.184	7644	3.34	
		80%	46.58	59.46	2769.41	8232	2.523	7992	2.89	
		90%	46.10	82.27	3793.00	8987	3.124	9486	2.50	
		100%	45.61	105.95	4832.76	9660	3.648	10835	2.24	
	19*10	40%	30.02	5.56	167.04	3037	0.364	1343	8.04	/
		45%	29.96	7.93	237.48	3453	0.461	1735	7.31	
		50%	29.91	10.57	316.06	3856	0.572	2169	6.86	
		55%	29.85	13.32	397.41	4192	0.673	2588	6.52	
		60%	29.78	16.28	484.90	4523	0.781	3019	6.23	
		65%	29.70	20.48	608.15	4890	0.917	3560	5.85	
		70%	29.58	25.75	761.79	5281	1.080	4167	5.47	
		75%	29.46	31.75	935.15	5653	1.256	4813	5.15	
		80%	29.34	37.38	1096.73	5969	1.409	5392	4.92	
		90%	29.06	50.51	1467.90	6566	1.744	6559	4.47	
		100%	29.01	52.79	1531.50	6661	1.802	6750	4.41	
	19*10	40%	33.30	6.35	211.62	3332	0.406	1611	7.62	54 (Ambient Temperature: /)
		45%	33.24	8.96	297.74	3771	0.524	2087	7.01	
		50%	33.18	12.23	405.85	4208	0.651	2613	6.44	
		55%	33.10	15.64	517.67	4589	0.777	3133	6.05	
		60%	33.02	18.94	625.47	4930	0.915	3621	5.79	
		65%	32.92	23.78	782.80	5348	1.089	4262	5.45	
		70%	32.75	31.64	1036.33	5840	1.318	5114	4.93	
		75%	32.63	37.45	1222.02	6183	1.492	5760	4.71	
		80%	32.50	44.11	1433.33	6516	1.681	6436	4.49	
		90%	32.16	59.75	1921.70	7143	2.113	7842	4.08	
		100%	32.10	62.45	2004.76	7248	2.184	8041	4.01	
		40%	37.00	7.40	273.79	3658	0.486	1948	7.12	
		45%	36.93	10.27	379.20	4120	0.629	2518	6.64	

AT7215 KV245	19*10	50%	36.84	14.26	525.52	4600	0.795	3157	6.01	/
		55%	36.77	17.98	661.26	5010	0.956	3759	5.68	
		60%	36.64	24.24	888.21	5528	1.186	4599	5.18	
		65%	36.49	30.52	1113.70	5964	1.392	5368	4.82	
		70%	36.35	37.40	1359.62	6386	1.629	6188	4.55	
		75%	36.20	44.44	1608.74	6748	1.850	6950	4.32	
		80%	36.04	52.24	1882.53	7102	2.079	7726	4.10	
		90%	35.63	71.46	2545.65	7768	2.579	9385	3.69	
		100%	35.55	74.97	2664.69	7871	2.666	9647	3.62	
	19*10	40%	41.89	8.79	368.04	4076	0.660	2455	6.67	83 (Ambient Temperature: /)
		45%	41.83	12.07	505.00	4585	0.824	3130	6.20	
		50%	41.70	17.43	726.73	5112	1.015	3907	5.38	
		55%	41.57	23.82	990.34	5706	1.285	4923	4.97	
		60%	41.45	29.40	1218.66	6148	1.517	5716	4.69	
		65%	41.30	36.78	1519.01	6626	1.802	6667	4.39	
		70%	41.11	45.43	1867.76	7072	2.075	7603	4.07	
		75%	40.93	54.28	2221.67	7471	2.344	8527	3.84	
		80%	40.71	64.61	2630.00	7843	2.657	9541	3.63	
		90%	40.16	90.00	3614.52	8525	3.421	10850	3.00	
		100%	40.03	95.30	3814.64	8608	3.570	11060	2.90	
	20*10	40%	29.90	6.16	184.06	2998	0.407	1537	8.35	/
		45%	29.86	8.62	257.51	3407	0.523	1987	7.72	
		50%	29.77	11.98	356.53	3802	0.651	2497	7.01	
		55%	29.72	14.81	440.11	4142	0.778	2970	6.75	
		60%	29.65	18.10	536.68	4464	0.902	3450	6.43	
		65%	29.55	22.83	674.59	4830	1.076	4054	6.01	
		70%	29.43	28.57	840.65	5205	1.256	4746	5.65	
		75%	29.29	35.23	1031.77	5565	1.434	5431	5.26	
		80%	29.16	41.33	1205.08	5870	1.610	6037	5.01	
		90%	28.85	55.92	1613.41	6440	2.021	7360	4.56	
		100%	28.79	58.61	1687.36	6526	2.094	7601	4.50	
		40%	33.18	7.02	232.98	3286	0.460	1850	7.94	
		45%	33.12	9.88	327.13	3719	0.600	2392	7.31	
		50%	33.04	13.41	443.15	4152	0.770	2993	6.76	
		55%	32.95	17.21	566.99	4535	0.920	3579	6.31	

20*10	60%	32.87	21.01	690.54	4867	1.067	4140	6.00	63 (Ambient Temperature: /)
	65%	32.74	27.05	885.64	5278	1.265	4889	5.52	
	70%	32.57	35.23	1147.73	5743	1.530	5817	5.07	
	75%	32.43	41.83	1356.65	6073	1.737	6525	4.81	
	80%	32.27	49.37	1593.39	6395	1.952	7267	4.56	
	90%	31.91	66.33	2116.60	6996	2.384	8804	4.16	
	100%	31.83	69.76	2220.66	7086	2.474	9116	4.11	
20*10	40%	36.68	6.54	239.88	3340	0.470	1899	7.92	/
	45%	36.63	8.63	316.20	3718	0.580	2359	7.46	
	50%	36.56	11.65	426.05	4141	0.723	2939	6.90	
	55%	36.48	15.52	565.99	4576	0.888	3599	6.36	
	60%	36.41	19.16	697.70	4933	1.040	4195	6.01	
	65%	36.32	23.31	846.73	5270	1.191	4813	5.69	
	70%	36.14	31.45	1136.53	5772	1.445	5813	5.11	
	75%	35.93	38.30	1375.97	6131	1.651	6658	4.84	
	80%	35.76	44.97	1608.22	6458	1.848	7416	4.61	
	90%	35.43	60.66	2149.47	7078	2.243	8984	4.18	
	100%	35.11	78.26	2748.16	7626	2.662	10560	3.84	
20*10	40%	41.61	7.78	323.73	3708	0.586	2366	7.31	94 (Ambient Temperature: /)
	45%	41.54	10.33	429.13	4123	0.732	2940	6.85	
	50%	41.47	13.98	579.51	4581	0.900	3625	6.26	
	55%	41.35	19.09	789.10	5059	1.096	4423	5.61	
	60%	41.22	25.67	1058.16	5600	1.360	5468	5.17	
	65%	41.11	31.22	1283.48	5979	1.565	6296	4.91	
	70%	40.91	38.23	1564.16	6388	1.804	7247	4.63	
	75%	40.70	46.80	1904.86	6796	2.068	8236	4.32	
	80%	40.51	54.90	2224.03	7132	2.295	9170	4.12	
	90%	40.13	74.50	2990.04	7809	2.803	11017	3.68	
	100%	39.71	96.51	3831.99	8387	3.299	12745	3.33	
21*10	40%	29.94	7.03	210.53	2959	0.506	1864	8.86	/
	45%	29.87	10.07	300.93	3362	0.674	2412	8.02	
	50%	29.79	13.81	411.35	3747	0.854	3004	7.31	
	55%	29.71	17.70	525.93	4084	1.019	3603	6.85	
	60%	29.63	21.58	639.36	4398	1.185	4170	6.52	
	65%	29.51	27.36	807.45	4747	1.367	4883	6.05	

		70%	29.35	34.63	1016.60	5109	1.586	5660	5.57	
		75%	29.21	41.61	1215.49	5433	1.808	6415	5.28	
		80%	29.04	49.77	1445.12	5730	2.043	7184	4.97	
		90%	28.68	66.70	1912.94	6267	2.508	8620	4.51	
		100%	28.60	69.91	1999.91	6343	2.593	8911	4.46	
	21*10	40%	33.18	8.13	269.92	3236	0.567	2210	8.19	71 (Ambient Temperature: /)
		45%	33.10	11.79	390.28	3662	0.757	2867	7.35	
		50%	33.03	15.73	519.42	4080	0.947	3582	6.90	
		55%	32.93	20.39	671.49	4462	1.155	4266	6.35	
		60%	32.83	25.14	825.14	4786	1.342	4941	5.99	
		65%	32.68	32.12	1049.62	5174	1.607	5826	5.55	
		70%	32.47	42.07	1365.93	5614	1.933	6897	5.05	
		75%	32.31	49.79	1608.72	5924	2.181	7710	4.79	
		80%	32.12	58.67	1884.23	6225	2.429	8552	4.54	
		90%	31.70	78.55	2489.66	6785	2.926	10240	4.11	
		100%	31.59	82.89	2618.52	6860	3.034	10597	4.05	
Note: Motor temperature is motor surface temperature at 100% throttle running 3mins. (Date above based on benchtest are for reference only, comparion with that of other motor types is not recommended.)										
	19*10	40%	29.94	5.73	171.50	2998	0.429	1350	7.87	/
		45%	29.90	7.50	224.23	3342	0.516	1698	7.57	
		50%	29.85	10.11	301.62	3741	0.642	2120	7.03	
		55%	29.78	13.49	401.66	4140	0.826	2641	6.58	
		60%	29.71	16.68	495.44	4471	0.947	3088	6.23	
		65%	29.64	20.01	592.91	4778	1.059	3527	5.95	
		70%	29.54	24.64	727.72	5144	1.218	4072	5.60	
		75%	29.40	31.45	924.50	5591	1.401	4798	5.19	
		80%	29.28	36.82	1078.25	5900	1.553	5309	4.92	
		90%	29.02	49.51	1437.06	6497	1.899	6481	4.51	
		100%	28.72	63.80	1832.15	7014	2.226	7615	4.16	
	19*10	40%	32.95	6.46	212.77	3285	0.412	1608	7.56	67 (Ambient Temperature:
		45%	32.91	8.45	278.05	3656	0.510	2013	7.24	
		50%	32.84	11.47	376.84	4080	0.665	2528	6.71	
		55%	32.76	15.30	501.32	4510	0.810	3073	6.13	
		60%	32.69	18.89	617.46	4855	0.950	3622	5.87	
		65%	32.60	22.71	740.50	5190	1.090	4131	5.58	

		70%	32.45	29.88	969.63	5692	1.302	4925	5.08	/)
		75%	32.32	36.42	1177.06	6070	1.509	5613	4.77	
		80%	32.18	42.86	1379.00	6405	1.697	6249	4.53	
		90%	31.87	57.48	1831.87	7033	2.074	7567	4.13	
		100%	31.51	74.61	2350.55	7570	2.471	8937	3.80	
	19*10	40%	36.63	7.08	259.20	3576	0.474	1888	7.28	/
		45%	36.56	9.48	346.78	3987	0.594	2368	6.83	
		50%	36.48	12.79	466.66	4437	0.730	2938	6.30	
		55%	36.42	17.00	619.02	4906	0.902	3610	5.83	
		60%	36.34	21.14	768.40	5294	1.047	4203	5.47	
		65%	36.18	28.09	1016.33	5789	1.262	5051	4.97	
		70%	36.06	34.64	1249.20	6207	1.463	5840	4.68	
		75%	35.92	41.92	1505.67	6599	1.671	6639	4.41	
		80%	35.79	48.88	1749.38	6935	1.857	7372	4.21	
		90%	35.44	66.10	2342.85	7602	2.265	8886	3.79	
		100%	35.03	86.05	3014.02	8172	2.704	10098	3.35	
	19*10	40%	41.59	8.51	353.76	4011	0.590	2363	6.68	91 (Ambient Temperature: /)
		45%	41.52	11.30	469.14	4459	0.730	2944	6.28	
		50%	41.45	15.44	640.07	4941	0.911	3671	5.74	
		55%	41.27	22.58	931.98	5581	1.163	4668	5.01	
		60%	41.16	28.47	1171.87	6054	1.386	5552	4.74	
		65%	41.04	34.55	1417.85	6470	1.597	6396	4.51	
		70%	40.88	42.19	1724.90	6889	1.825	7275	4.22	
		75%	40.70	51.67	2103.00	7325	2.104	8292	3.94	
		80%	40.42	60.75	2455.86	7690	2.329	9151	3.73	
		90%	39.96	84.33	3370.15	8352	2.907	10434	3.10	
		100%	39.43	108.82	4290.65	8928	3.430	11327	2.64	
	20*10	40%	29.98	6.21	186.13	2993	0.418	1565	8.41	/
		45%	29.94	8.13	243.29	3329	0.510	1939	7.97	
		50%	29.88	11.10	331.58	3722	0.632	2447	7.38	
		55%	29.78	14.93	444.56	4107	0.775	2998	6.75	
		60%	29.72	18.34	544.92	4441	0.913	3506	6.44	
		65%	29.64	22.15	656.50	4744	1.048	4008	6.11	
		70%	29.52	27.46	810.81	5088	1.210	4643	5.73	
		75%	29.36	35.52	1042.99	5527	1.461	5479	5.25	

AT7215 KV270		80%	29.23	41.46	1211.91	5820	1.636	6072	5.01	
		90%	28.93	55.63	1609.59	6396	2.016	7363	4.57	
		100%	28.61	71.05	2032.55	6895	2.357	8596	4.23	
	20*10	40%	32.94	7.07	232.92	3248	0.516	1844	7.92	69 (Ambient Temperature: /)
		45%	32.89	9.32	306.70	3606	0.634	2323	7.57	
		50%	32.81	12.72	417.47	4034	0.789	2892	6.93	
		55%	32.73	16.90	552.97	4446	0.964	3528	6.38	
		60%	32.64	20.87	681.29	4801	1.124	4103	6.02	
		65%	32.54	25.43	827.45	5128	1.277	4692	5.67	
		70%	32.36	33.85	1095.59	5614	1.545	5643	5.15	
		75%	32.22	40.93	1318.92	5973	1.771	6410	4.86	
		80%	32.07	47.90	1536.21	6298	1.987	7123	4.64	
		90%	31.72	64.49	2045.83	6898	2.409	8607	4.21	
		100%	31.33	83.09	2602.92	7414	2.869	10127	3.89	
	20*10	40%	36.60	7.91	289.51	3549	0.540	2170	7.49	/
		45%	36.55	10.32	377.29	3944	0.665	2691	7.13	
		50%	36.47	13.96	509.27	4392	0.828	3342	6.56	
		55%	36.36	19.03	691.89	4848	1.014	4077	5.89	
		60%	36.27	23.56	854.41	5228	1.181	4756	5.57	
		65%	36.12	31.31	1131.13	5724	1.423	5736	5.07	
		70%	35.98	38.64	1390.30	6121	1.651	6627	4.77	
		75%	35.82	46.65	1671.18	6499	1.870	7502	4.49	
		80%	35.68	54.59	1947.46	6836	2.077	8290	4.26	
		90%	35.28	73.61	2597.12	7461	2.540	10056	3.87	
		100%	34.81	93.89	3268.51	8007	2.945	11553	3.53	
	20*10	40%	41.57	9.36	388.95	3963	0.668	2704	6.95	106 (Ambient Temperature: /)
		45%	41.51	12.32	511.23	4394	0.822	3333	6.52	
		50%	41.41	16.87	698.68	4877	1.025	4126	5.91	
		55%	41.22	25.28	1041.92	5495	1.324	5334	5.12	
		60%	41.11	31.76	1305.57	5956	1.578	6329	4.85	
		65%	40.97	38.69	1584.90	6366	1.801	7262	4.58	
		70%	40.78	47.43	1934.11	6779	2.062	8248	4.26	
		75%	40.62	57.09	2318.59	7188	2.337	9303	4.01	
		80%	40.39	67.27	2716.96	7552	2.607	10329	3.80	
		90%	39.87	90.82	3621.32	8205	3.138	12202	3.37	
		100%	39.30	117.24	4607.41	8749	3.680	13795	2.99	

	21*10	40%	29.96	7.05	211.16	2940	0.514	1847	8.75	/
		45%	29.91	9.31	278.39	3268	0.640	2293	8.24	
		50%	29.84	12.72	379.42	3659	0.834	2894	7.63	
		55%	29.74	17.29	514.30	4028	1.004	3567	6.94	
		60%	29.64	21.72	643.59	4353	1.196	4191	6.51	
		65%	29.57	25.78	762.18	4654	1.343	4783	6.28	
		70%	29.43	32.17	946.56	4983	1.539	5462	5.77	
		75%	29.27	39.95	1169.08	5341	1.776	6291	5.38	
		80%	29.09	48.66	1415.29	5676	2.028	7135	5.04	
		90%	28.72	65.82	1890.49	6204	2.510	8621	4.56	
		100%	28.34	83.88	2376.88	6666	2.937	9978	4.20	
	21*10	40%	32.85	8.14	267.46	3188	0.579	2174	8.13	73 (Ambient Temperature: /)
		45%	32.80	10.72	351.52	3544	0.720	2705	7.70	
		50%	32.71	14.62	478.24	3951	0.900	3393	7.10	
		55%	32.60	20.05	653.47	4354	1.136	4163	6.37	
		60%	32.49	24.87	808.15	4711	1.308	4810	5.95	
		65%	32.39	30.11	975.42	5022	1.517	5509	5.65	
		70%	32.19	39.62	1275.07	5464	1.868	6601	5.18	
		75%	32.01	48.45	1550.77	5819	2.139	7474	4.82	
		80%	31.83	56.47	1797.79	6119	2.375	8272	4.60	
		90%	31.42	75.90	2384.96	6672	2.871	9918	4.16	
		100%	30.97	96.81	2998.16	7156	3.336	11428	3.81	
Note: Motor temperature is motor surface temperature at 100% throttle running 3mins. (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.