



Specification

KV	95	Rated Voltage(Lipo)	12S(4.2V/pc) / 48-52V
Motor Weight (Incl. Cable)	280g	Motor Dimensions	$\Phi 87.1 \times 28.05$ mm
Idle Current(18V)	0.7A	Shaft Diameter	15mm
Internal Resistance	146m Ω	Configu ration	36N42P
Peak Current(180s)	38A	Cable Length	90mm
Max. Power(180s)	1790W	Packing Size	130*111*50.6mm
KV	110	Rated Voltage(Lipo)	12S(4.2V/pc) / 48-52V
Motor Weight (Incl. Cable)	282g	Motor Dimensions	$\Phi 87.1 \times 28.05$ mm
Idle Current(18V)	0.9A	Shaft Diameter	15mm
Internal Resistance	105m Ω	Configu ration	36N42P
Peak Current(180s)	45.8A	Cable Length	90mm
Max. Power(180s)	2140W	Packing Size	130*111*50.6mm

Test Data

Type	Propeller	Throttle	Voltage (V)	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g/W)	Operating Temperature (°C)
		40%	48	1725	0.59	2.60	1579	124	13.89	
		45%	48	2159	0.73	3.56	1761	170	12.69	
		50%	48	2604	0.87	4.66	1929	222	11.71	

U8lite L-KV95	G29*9.5	55%	48	3092	1.03	5.95	2095	284	10.90	50°C
		60%	48	3553	1.18	7.22	2247	345	10.31	
		65%	48	4100	1.36	8.87	2414	423	9.70	
		70%	48	4573	1.52	10.53	2548	501	9.12	
		75%	48	5214	1.72	12.74	2705	606	8.61	
		80%	48	5939	1.95	15.40	2887	732	8.12	
		90%	47	7191	2.34	20.62	3157	977	7.36	
		100%	47	8521	2.78	27.00	3439	1276	6.68	
	G30*10.5	40%	48	1998	0.70	3.04	1561	146	13.73	68°C
		45%	48	2468	0.86	4.12	1735	197	12.54	
		50%	48	2928	1.03	5.31	1900	253	11.56	
		55%	48	3427	1.20	6.84	2056	326	10.51	
		60%	48	3950	1.38	8.35	2201	398	9.93	
		65%	48	4537	1.58	10.33	2360	492	9.23	
		70%	48	5016	1.75	12.02	2490	572	8.77	
		75%	48	5744	1.99	14.64	2635	695	8.26	
		80%	47	6507	2.25	17.58	2794	834	7.80	
		90%	47	7932	2.73	24.03	3056	1137	6.97	
		100%	47	9426	3.25	31.89	3318	1504	6.27	
	G32*11	40%	48	2492	0.93	3.97	1519	190	13.14	87°C
		45%	48	3087	1.14	5.39	1681	257	12.01	
		50%	48	3672	1.35	6.89	1826	328	11.18	
		55%	48	4217	1.55	8.59	1966	409	10.30	
		60%	48	4878	1.78	10.68	2110	508	9.60	
		65%	48	5578	2.01	13.01	2252	618	9.02	
		70%	47	6251	2.25	15.58	2383	740	8.45	
		75%	47	6830	2.46	17.98	2504	853	8.01	
		80%	47	7587	2.73	21.27	2636	1008	7.53	
		90%	47	9144	3.27	29.14	2873	1375	6.65	
		100%	47	10611	3.79	38.15	3068	1794	5.92	
	G28*9.2	40%	48	2022	0.65	3.49	1877	167	12.14	54°C
		45%	48	2515	0.80	4.69	2079	224	11.23	
		50%	48	3075	0.96	6.13	2273	292	10.52	
55%		48	3550	1.12	7.69	2451	366	9.69		
60%		48	4007	1.27	9.12	2637	434	9.22		
65%		48	4543	1.43	11.30	2828	538	8.45		
70%		48	5217	1.63	13.53	3018	643	8.11		
75%		47	6083	1.90	16.98	3230	806	7.55		
80%		47	6832	2.13	19.99	3399	947	7.21		

U8lite L- KV110		90%	47	8273	2.55	26.57	3716	1256	6.59		
		100%	47	9847	3.07	35.55	4063	1674	5.88		
	G29*9.5		40%	48	2377	0.80	4.30	1846	205	11.58	72°C
			45%	48	2872	0.96	5.44	2040	259	11.07	
			50%	48	3403	1.14	7.07	2230	337	10.09	
			55%	48	4005	1.33	8.84	2400	421	9.51	
			60%	48	4620	1.52	10.97	2573	522	8.85	
			65%	48	5223	1.72	13.13	2739	624	8.37	
			70%	47	5997	1.96	16.13	2928	766	7.83	
			75%	47	6902	2.26	19.93	3122	945	7.31	
			80%	47	7674	2.50	23.30	3288	1103	6.96	
			90%	47	9202	2.99	31.30	3578	1477	6.23	
			100%	47	10945	3.55	41.45	3870	1947	5.62	
	G30*10.5		40%	48	2636	0.91	4.81	1808	230	11.48	91°C
			45%	48	3206	1.11	6.32	1988	301	10.64	
			50%	48	3830	1.33	8.28	2178	395	9.71	
			55%	48	4444	1.54	10.33	2349	492	9.04	
			60%	48	5065	1.75	12.56	2511	597	8.48	
			65%	48	5773	1.99	15.22	2668	723	7.98	
			70%	47	6559	2.26	18.52	2835	879	7.46	
			75%	47	7344	2.55	22.32	3014	1057	6.95	
			80%	47	8173	2.82	26.44	3173	1250	6.54	
		90%	47	9761	3.36	35.40	3442	1667	5.85		
		100%	47	11202	3.87	45.80	3666	2147	5.22		

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



Motor × 1



Parts Bag × 1

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.