



Specification

Test Item	U15IIKV80	Internal Resistance	17m Ω
Configuration	36N42P	Shaft Diameter	20mm
Motor Dimensions	Φ 147.5×55 mm	Lead	Enameled Wire
Cable Length	100mm	Weight Including Cables	1740g
Weight Excluding Cables	/	No.of Cells(Lipo)	12-24S
Idle Current@10v	3.8A	Max Continuous Power 180S	8580W
Max Continuous Current 180S	143A		
Test Item	U15IIKV100	Internal Resistance	12m Ω
Configuration	36N42P	Shaft Diameter	20mm
Motor Dimensions	Φ 147.5×55 mm	Lead	Enameled Wire
Cable Length	100mm	Weight Including Cables	1740g
Weight Excluding Cables	/	No.of Cells(Lipo)	12-24S
Idle Current@10v	4.5A	Max Continuous Power 180S	9942W
Max Continuous Current 180S	167A		

Test Data

Item No.	Voltage (V)	Prop	Throttle	Current (A)	Power (W)	Thrust (G)	RPM	Efficiency (G/W)	Torque (N*m)	Operating Temperature (°C)
U15II KV80	50	LIGPOWER G40x13.1	50%	19.9	995	8900	1843	8.94	4	65
			55%	25.9	1295	10800	2023	8.34	5	
			60%	32.2	1610	12700	2180	7.89	5.9	
			65%	38.6	1930	14600	2313	7.56	6.9	
			75%	56.2	2810	18900	2615	6.73	9.1	
			85%	76.9	3845	23100	2876	6.01	11.2	
	60	CF	50%	24.9	1494	12200	2079	8.17	5.8	110
			55%	32.2	1932	14600	2316	7.56	6.9	
			60%	39.7	2382	16800	2480	7.05	8.1	
			65%	47.9	2874	19100	2633	6.65	9.2	
			75%	74.2	4452	25200	2994	5.66	12.1	
			85%	98.3	5898	29800	3248	5.05	14.5	
			100%	143	8580	36500	3546	4.25	18	

Notes:The test condition of temperature is motor surface temperature at 100% throttle while the motor run 1min.

U15II KV100	60	LIGPOWER G36×11.5	50%	27.6	1656	12000	2595	7.25	5.1	97
			55%	40.2	2412	15300	2933	6.34	6.6	
			60%	51.3	3078	18300	3160	5.95	7.9	
			65%	62	3720	20700	3345	5.56	9	
			75%	86.1	5166	25600	3700	4.96	11.4	
			85%	115.1	6906	30400	3985	4.40	13.9	
			100%	165.7	9942	37000	4328	3.72	17	
	50	LIGPOWER G40x13.1	50%	31.3	1565	12800	2141	8.18	6.1	112
			55%	43	2150	15500	2370	7.21	7.6	
			60%	52.6	2630	17800	2515	6.77	8.6	
			65%	60.3	3015	20300	2628	6.73	9.6	
			75%	92.9	4645	25300	2986	5.45	12.2	
			85%	122.3	6115	29800	3198	4.87	14.7	
			100%	171	8550	35500	3473	4.15	17.8	

Notes:The test condition of temperature is motor surface temperature at 100% throttle while the motor run 1min.

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.