



Specification

Test Item	MN3110 KV470	Configuration	12N14P
Internal Resistance	135mΩ	Motor Dimensions	Φ37.7×28.5mm
Shaft Diameter	4mm	Stator Height	10mm
Stator Diameter	31mm	Cable Length	600mm
AWG	18#	Weight Excluding Cables	80g
Weight Including Cables	98g	Idle Current@10v	0.3A
No.of Cells(Lipo)	3-6S	Max Continuous Current 180S	15A
Max Continuous Power 180S	330W		
Test Item	MN3110 KV700	Configuration	12N14P
Internal Resistance	92mΩ	Motor Dimensions	Φ37.7×28.5mm
Shaft Diameter	4mm	Stator Height	10mm
Stator Diameter	31mm	Cable Length	600mm

AWG	18#	Weight Excluding Cables	80g
Weight Including Cables	99g	Idle Current@10v	0.3A
No.of Cells(Lipo)	3-6S	Max Continuous Current 180S	21A
Max Continuous Power 180S	466W		
Test Item	MN3110 KV780	Configuration	12N14P
Internal Resistance	71mΩ	Motor Dimensions	Φ37.7×28.5mm
Shaft Diameter	4mm	Stator Height	10mm
Stator Diameter	31mm	Cable Length	600mm
AWG	18#	Weight Excluding Cables	80g
Weight Including Cables	100g	Idle Current@10v	0.4A
No.of Cells(Lipo)	3-6S	Max Continuous Current 180S	26A
Max Continuous Power 180S	481W		

Test Data

Item No.	Voltage (V)	Prop	Throttle	Current (A)	Power (W)	Thrust (G)	RPM	Efficiency (G/W)	Operating Temperature (°C)
MN3110 KV470	14.8	LIGPOWER 13*4.4CF	50%	1.5	22.20	290	3300	13.06	40
			65%	2.6	38.48	410	4000	10.65	
			75%	3.5	51.80	550	4600	10.62	
			85%	4.9	72.52	680	5200	9.38	
			100%	5.8	85.84	780	5500	9.09	
		LIGPOWER 14*4.8CF	50%	2.0	29.60	370	3000	12.50	50
			65%	3.5	51.80	600	3800	11.58	
			75%	5.0	74.00	790	4300	10.68	
			85%	7.0	103.60	990	4800	9.56	
			100%	8.0	118.40	1090	5050	9.21	
	LIGPOWER 15*5CF	50%	2.2	32.56	460	2800	14.13	53	
		65%	4.3	63.64	730	3600	11.47		
		75%	6.2	91.76	930	4100	10.14		
		85%	8.2	121.36	1100	4500	9.06		
		100%	9.5	140.60	1220	4800	8.68		
	22.2	LIGPOWER 10*3.3CF	50%	1.5	33.30	350	5500	10.51	41
			65%	2.5	55.50	500	6500	9.01	
			75%	3.5	77.70	630	7300	8.11	
			85%	4.8	106.56	780	8300	7.32	
			100%	5.3	117.66	890	8600	7.56	
			50%	1.9	42.18	430	4900	10.19	

		LIGPOWER 11*3.7CF	65%	3.5	77.70	690	6300	8.88	44
			75%	5.0	111.00	860	7100	7.75	
			85%	6.3	139.86	1030	7700	7.36	
			100%	7.4	164.28	1110	8200	6.76	

Notes:The test condition of temperature is motor surface temperature at 100% throttle while the motor run 10min.

MN3110 KV700	11.1	LIGPOWER 11*3.7CF	50%	1.8	19.98	280	3900	14.01	39
			65%	3	33.30	380	4600	11.41	
			75%	4.3	47.73	500	5500	10.48	
			85%	5.6	62.16	600	6000	9.65	
			100%	6.9	76.59	700	6400	9.14	
		LIGPOWER 12*4CF	50%	2.1	23.31	320	3600	13.73	39
			65%	3.7	41.07	500	4500	12.17	
			75%	5.3	58.83	630	5000	10.71	
			85%	7.2	79.92	780	5700	9.76	
			100%	8.9	98.79	890	6100	9.01	
	LIGPOWER 13*4.4CF	50%	2.4	26.64	320	3500	12.01	45	
		65%	4.3	47.73	480	4500	10.06		
		75%	6.3	69.93	680	5000	9.72		
		85%	8.5	94.35	880	5600	9.33		
		100%	10.2	113.22	980	6000	8.66		
	14.8	LIGPOWER 10*3.3CF	50%	2.3	34.04	320	5500	9.40	42
			65%	3.5	51.80	430	6500	8.30	
			75%	5	74.00	560	7100	7.57	
			85%	6.8	100.64	700	8000	6.96	
			100%	8.1	119.88	800	8600	6.67	
		LIGPOWER 11*3.7CF	50%	2.6	38.48	350	4900	9.10	42
			65%	4.7	69.56	560	6000	8.05	
			75%	6.5	96.20	720	6900	7.48	
			85%	9	133.20	880	7600	6.61	
			100%	10	148.00	1030	8100	6.96	
LIGPOWER 12*4CF		50%	3.2	47.36	420	4800	8.87	47	
		65%	6.2	91.76	790	5700	8.61		
		75%	8.5	125.80	930	6500	7.39		
		85%	11.6	171.68	1190	7200	6.93		
		100%	14	207.20	1290	7600	6.23		

Notes:The test condition of temperature is motor surface temperature at 100% throttle while the motor run 10min.

MN3110 KV780	11.1	LIGPOWER 11*3.7CF	50%	2.3	25.53	260	4300	10.18	40
			65%	4.1	45.51	400	5300	8.79	
			75%	5.7	63.27	530	6000	8.38	
			85%	7.7	85.47	660	6800	7.72	
			100%	9.4	104.34	750	7100	7.19	
		LIGPOWER 12*4CF	50%	2.7	29.97	320	4000	10.68	44
			65%	5.1	56.61	530	5000	9.36	
			75%	7.5	83.25	700	5700	8.41	
			85%	9.8	108.78	840	6300	7.72	
			100%	12	133.20	990	6700	7.43	
	14.8	LIGPOWER 9*3CF	50%	2.7	39.96	300	6800	7.51	41
			65%	3.6	53.28	380	7500	7.13	
			75%	4.8	71.04	460	8500	6.48	
			85%	6.6	97.68	590	9200	6.04	
			100%	8	118.40	680	10000	5.74	
		LIGPOWER 10*3.3CF	50%	3.1	45.88	360	6000	7.85	42
			65%	4.8	71.04	530	7000	7.46	
			75%	6.8	100.64	660	8000	6.56	
			85%	9.2	136.16	850	8800	6.24	
			100%	11	162.80	980	9500	6.02	
		LIGPOWER 11*3.7CF	50%	3.4	50.32	430	5500	8.55	45
			65%	6.5	96.20	700	6700	7.28	
			75%	9.2	136.16	880	7600	6.46	
			85%	12.4	183.52	1100	8500	5.99	
			100%	14.9	220.52	1260	9000	5.71	

Notes:The test condition of temperature is motor surface temperature at 100% throttle while the motor run 10min.

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.