



Specification

Test Item	MN3520 KV400	Report NO.	MN.00018
Internal Resistance	82m $\Omega$	Configuration	12N14P
Shaft Diameter	4mm	Motor Dimensions	$\Phi 42.5 \times 42$ mm
Stator Diameter	35mm	Stator Height	20mm
AWG	16#	Cable Length	600mm
Weight Including Cables	222g	Weight Excluding Cables	194g
No.of Cells(Lipo)	4-8S	Idle Current@10v	1.2A
Max Continuous Power 180S	1140W	Max Continuous Current 180S	38A

Test Data

Item No.	Voltage (V)	Prop	Throttle	Current (A)	Power (W)	Thrust (G)	RPM	Efficiency (G/W)	Operating Temperature (°C)
		LIGPOWER	50%	4.5	99.90	1010	4280	10.11	
			65%	8.8	195.36	1540	5400	7.88	

MN3520 KV400	22.2	15*5CF	75%	12.3	273.06	1920	6050	7.03	50	
			85%	16.6	368.52	2380	6700	6.46		
			100%	20.3	450.66	2700	7100	5.99		
		LIGPOWER 16*5.4CF	50%	5.3	117.66	1140	4160	9.69	55	
			65%	10.2	226.44	1780	5260	7.86		
			75%	14.4	319.68	2200	5850	6.88		
			85%	19.4	430.68	2680	6500	6.22		
			100%	23.2	515.04	3000	6800	5.82		
		LIGPOWER 17*5.8CF	50%	6.5	144.30	1340	4000	9.29	67	
	65%		12.5	277.50	2120	5000	7.64			
	75%		17.7	392.94	2670	5600	6.79			
	85%		23.3	517.26	3200	6100	6.19			
	100%		28.1	623.82	3600	6450	5.77			
	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 "[onsales@ligpower.com](mailto:onsales@ligpower.com)" in time.