



Specification

InternalResistance	116mQ	Configuration	12N14P
Shaft Diameter	5mm	Motor Dimensions	$\Phi 42.5 \times 37.5$ mm
AWG	16#	Cable Length	600mm
WeightIncluding Cables	195g	Weight Excluding Cables	156g
No.ofCells(Lipo)	3-8S	Idle Current@10v	0.3A
Max Continuous Power180S	850W	Max Continuous Current180S	30A

Test Data

Item No	Voltage (V)	Prop	Throttle	Current (A)	Power (W)	Thrust (G)	RPM	Efficiency (G/W)	Operating Temperature (°C)
			50%	3.4	75.48	800	4300	10.6	

U5 KV400	22.2	LIGPOWER 14*4.8CF	65%	6.3	139.86	1200	5400	8.58	45
			75%	8.5	188.7	1500	5900	7.95	
			85%	11.4	253.08	1820	6500	7.19	
			100%	13.7	304.14	2030	6950	6.67	
	22.2	LIGPOWER 15*5CF	50%	4.3	95.46	990	4200	10.37	50
			65%	7.9	175.38	1490	5200	8.5	
			75%	11.6	257.52	1900	5700	7.38	
			85%	14.5	321.9	2220	6200	6.9	
			100%	17.2	381.84	2480	6500	6.49	
	22.2	LIGPOWER 16*5.4CF	50%	5.2	115.44	1200	4050	10.4	59
			65%	9.4	208.68	1750	4850	8.39	
			75%	13	288.6	2120	5400	7.35	
			85%	16.9	375.18	2650	5850	7.06	
			100%	20	444	2850	6250	6.42	

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