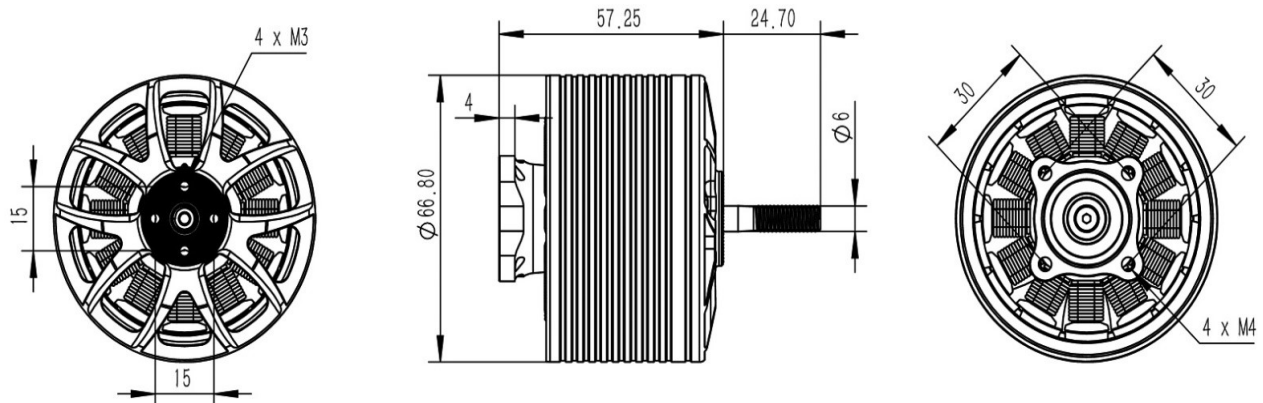


MOTORS: AOS5330-220KV

Technical Datas

KV	220
Configu-ration	12N14P
Stator Diamter	53
Stator Length	30mm
Shaft Diameter	6mm(Hollow)
Motor Dimension(Dia.*Len)	Φ66.8*57.25mm
Weight(g)	760g(3cm Wire)
Idle current(10)@10V(A)	1.4
No.of Cells(Lipo)	10-12S
Max Continuous Power(W)15S	3412
Internal Resistance	39mΩ
Max Current(15S)	76.85A
Max.Efficiency Current	(6-18A)>86%



Prop (inch)	Voltages (V)	Throttle (%)	Load Currencty (A)	Pull(g)	Power(W)	Efficiency(g/W)	Temperature(in full throttle load 15Sec)
GF18*10E	44.4	25%	2.35	884	104.3	8.472	82°C
		50%	9.63	2961	427.6	6.925	
		75%	30.43	5379	1351.1	3.981	
		100%	66.65	8689	2959.3	2.936	
GF19*10E	44.4	25%	2.7	962	119.9	8.025	84°C
		50%	11.07	3115	491.5	6.338	
		75%	33.65	6910	1494.1	4.625	
		100%	70.29	11043	3120.9	3.538	
GF20*10E	44.4	25%	2.88	1271	127.9	9.940	86°C (Hot)
		50%	12.14	3539	539.0	6.566	
		75%	34.05	7768	1511.8	5.138	
		100%	76.85	12508	3412.1	3.666	
☐ Airplane			☐ Helicopter			☒ Vtol	

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E-Mail: INFO@RCINPOWER.COM