

MOTOR:Antigravity 4004 300KV

Voltage:6S

Thrust: 0.5KG lever

Recommended prop: T-Motor CF prop 14*4.8 or 15*5

Recommended Multicopter/Flight time (lipo:5000mah)

Axle base	Multicopter	Take-off Weight	Flight time
550mm	Quadcopter	2KG	≈45mins
750mm	Hexacopter	3KG	≈30mins
950mm	Octocopter	4KG	≈20mins

The above recommended datas are only for reference



Item No.	Volts (V)	Prop	Throttle	Amps (A)	Watts (W)	Thrust (G)	RPM	Efficiency (G/W)	Torque (N*m)	Operating temperature (°C)
Antigravity 4004 KV300	24	T-MOTOR 13*4.4CF	50%	0.9	21.60	311	3173	14.40	0.055	30
			55%	1.1	26.40	358	3415	13.56	0.065	
			60%	1.4	33.60	416	3660	12.38	0.074	
			65%	1.7	40.80	477	3914	11.69	0.085	
			75%	2.4	57.60	608	4394	10.56	0.106	
			85%	3.3	79.20	754	4876	9.52	0.132	
			100%	4.2	100.80	895	5317	8.88	0.156	
		T-MOTOR 14*4.8CF	50%	1.1	26.40	374	3045	14.17	0.075	44
			55%	1.4	33.60	439	3285	13.07	0.087	
			60%	1.7	40.80	507	3530	12.43	0.098	
			65%	2.1	50.40	586	3740	11.63	0.109	
			75%	3.1	74.40	753	4208	10.12	0.138	
			85%	4.3	103.20	930	4670	9.01	0.168	
			100%	5.4	129.60	1107	5092	8.54	0.197	
		T-MOTOR 15*5CF	50%	1.4	33.60	474	2860	14.11	0.091	56
			55%	1.9	45.60	561	3108	12.30	0.108	
			60%	2.3	55.20	646	3336	11.70	0.121	
			65%	2.8	67.20	727	3540	10.82	0.136	
			75%	4	96.00	918	3966	9.56	0.169	
			85%	5.6	134.40	1110	4383	8.26	0.204	
			100%	7.5	180.00	1311	4711	7.28	0.242	
		T-MOTOR 16*5.4CF	50%	1.8	43.20	534	2689	12.36	0.110	75
			55%	2.3	55.20	636	2928	11.52	0.130	
			60%	2.9	69.60	742	3135	10.66	0.150	
			65%	3.5	84.00	829	3325	9.87	0.167	
			75%	5.1	122.40	1028	3640	8.40	0.204	
			85%	7.1	170.40	1203	4000	7.06	0.238	
			100%	8.9	213.60	1295	4210	6.06	0.265	
		T-MOTOR 17*5.8CF	50%	2.1	50.40	586	2600	11.63	0.128	HOT
			55%	2.7	64.80	691	2801	10.66	0.150	
			60%	3.4	81.60	802	2990	9.83	0.169	
			65%	4.1	98.40	890	3162	9.04	0.189	
75%	5.9		141.60	1088	3455	7.68	0.226			
85%	8.4		201.60	1241	3670	6.16	0.236			
100%	10.2		244.80	1290	3750	5.27	0.256			
Notes:The test condition of temperature is motor surface temperature in 100% throttle while the motor run 10 min.										

MOTOR:Antigravity 4004 400KV

Voltage:6S

Thrust: 0.65KG lever

Recommended prop: T-Motor CF prop 13*4.4 or 14*4.8

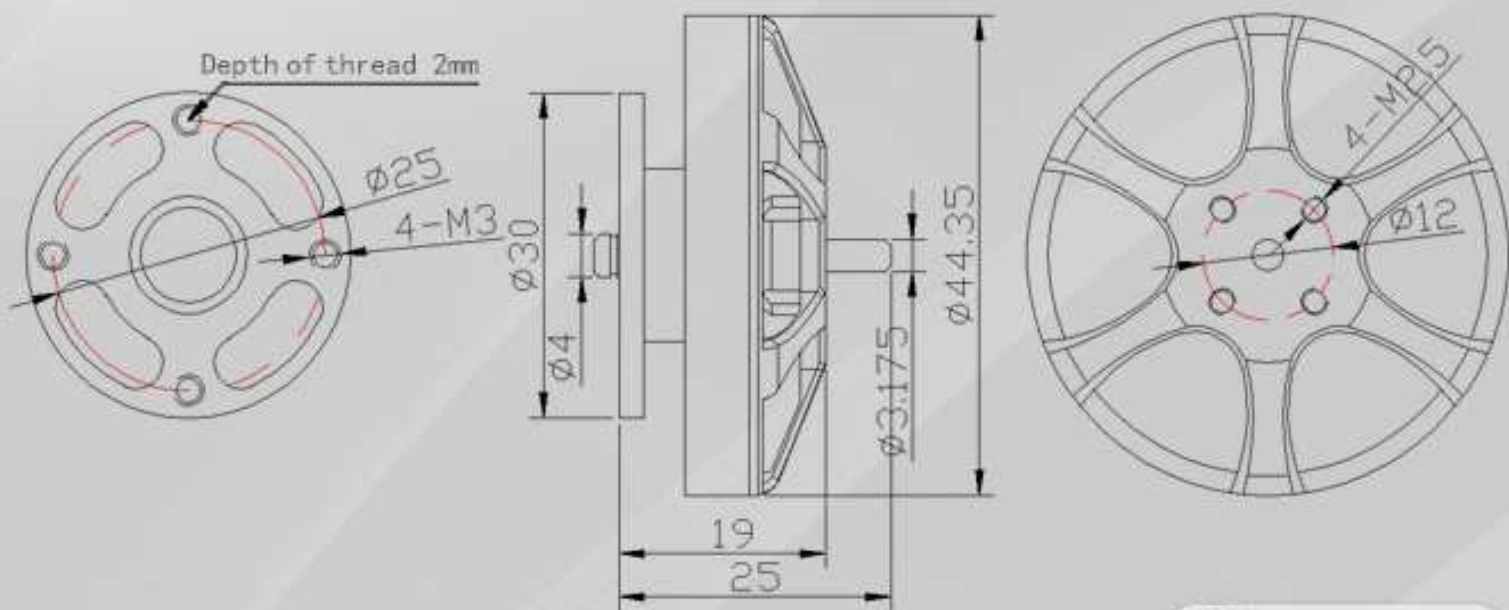
Recommended Multicopter/Flight time (lipo:5000mah)

Axle base	Multicopter	Take-off Weight	Flight time
500mm	Quadcopter	2.6KG	≈30mins
700mm	Hexacopter	3.9KG	≈20mins
900mm	Octocopter	5.2KG	≈15mins

The above recommended datas are only for reference



Item No.	Volts (V)	Prop	Throttle	Amps (A)	Watts (W)	Thrust (G)	RPM	Efficiency (G/W)	Torque (N*m)	Operating temperature (°C)
Antigravity 4004 KV400	24	T-MOTOR 13*4.4CF	50%	1.8	43.20	448	3813	10.37	0.075	33
			55%	2.2	52.80	535	4146	10.13	0.085	
			60%	2.7	64.80	609	4458	9.40	0.101	
			65%	3.3	79.20	698	4736	8.81	0.116	
			75%	4.6	110.40	885	5308	8.02	0.144	
			85%	6.3	151.20	1067	5841	7.06	0.177	
			100%	8.2	196.80	1311	6391	6.66	0.211	
		T-MOTOR 14*4.8CF	50%	2.2	52.80	566	3623	10.72	0.097	54
			55%	2.7	64.80	670	3915	10.34	0.112	
			60%	3.3	79.20	766	4175	9.67	0.128	
			65%	4.1	98.40	872	4448	8.86	0.146	
			75%	5.8	139.20	1078	4941	7.74	0.175	
			85%	7.8	187.20	1270	5392	6.78	0.214	
			100%	10.4	249.60	1521	5766	6.09	0.239	
Notes: The test condition of temperature is motor surface temperature in 100% throttle while the motor run 10 min.										



4004



T-MOTOR
Carbon Prop



ULTRALIGHT

Ultralight Antigravity 4004



2pcs/set

(including 1pc cw prop adapter & 1pc ccw prop adapter)

Antigravity 4004

PRODUCTS CHARACTERISTICS:

1. Ultrathin design, the lightest motor compared to the same level currently.
2. Single thick copper wire winding by hand
3. Unique ventilation and cooling design
4. Excellent assembling workmanship, with great rotor dynamic balance
5. Work with T-motor carbon fiber prop and the prop with M6 hole.
6. High grade EZO bearings.





Antigravity 4004

Ultrathin design, processed by high strength aluminium, light weight, if match with light frame, would bring you a unexpected flying experience.





Single thick copper wire winding, reduce energy dissipation of motor.



We adopt unique cooling design so that ventilation of winding is great; what is more, perfect dynamic makes easier to speed up and run more stably.



The motors come with high grade EZO bearing to prolong the life of the motor, which is imported with original package (no second-used, low grade, or fake bearings).

Official test indicate that they can complete the flight time of 60-80 hours.

Owing to the bearing is consumable accessories, we strongly advice to change the bearing after your flight getting 60 hours, to ensure you safe flight.



Support with T-MOTOR standard accessories to install T-MOTOR carbon fiber propellers and other propellers with M6 hole.

Note: In the package, originally supplied with 4pcs of short screws, is intended for the installation of propeller adapters. The two long screws are used to install the Carbon Fiber prop with tabletting, but because the thickness of brackets from the market are not the same. So the wrong installation may cause the screw to touch the wire, which will cause a loss to short circuit or burn out the motor.



The wonderful packing for Antigravity series, adopt EVA shock proof design to avoid damage during process of transportation.

2pcs/set(including 1pc cw prop adapter & 1pc ccw prop adapter)



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