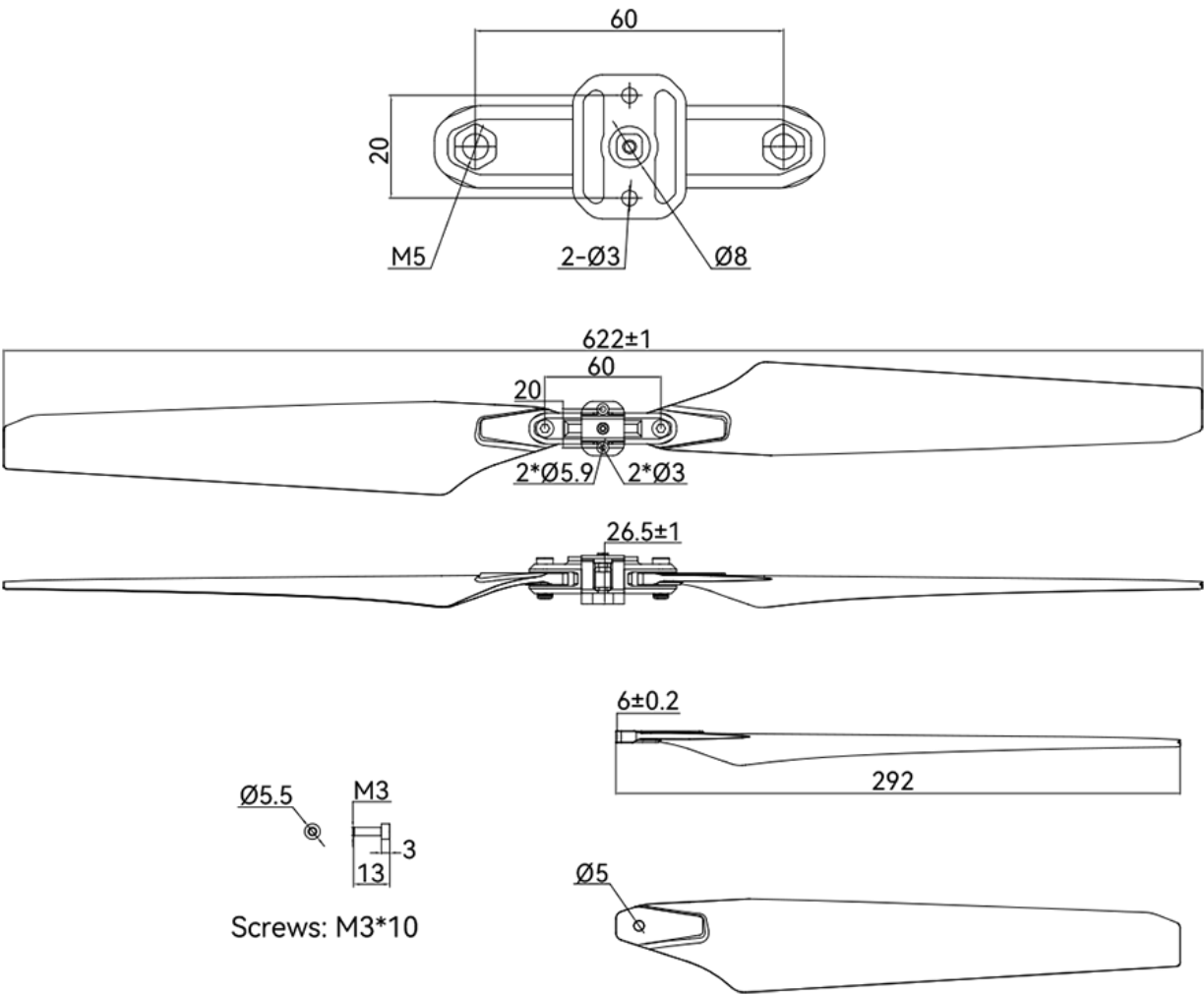




Specification

Model NO.	MF2412VP	LIGPOWER Series	Folding
Weight(Single Blade)	115.8g	Package Weight	337.2g
Diameter	24.4inch (619.76mm)	Package Size	305*127*48mm
Pitch	8.7inch (220.98mm)	Material	Polymer+CF
RecommendedThrust	2.8~6kg	RecommendedMax Thrust	13kg
Ambient Temp	-40℃ ~ 65℃	Storage Temp/Humidity	-10℃ ~ 50℃/ < 85%
Recommendation			
Recommended ESC	FLAME 180A 12S V2.0	Recommended Motor	MN705 KV140/MN701 KV135

Test Data

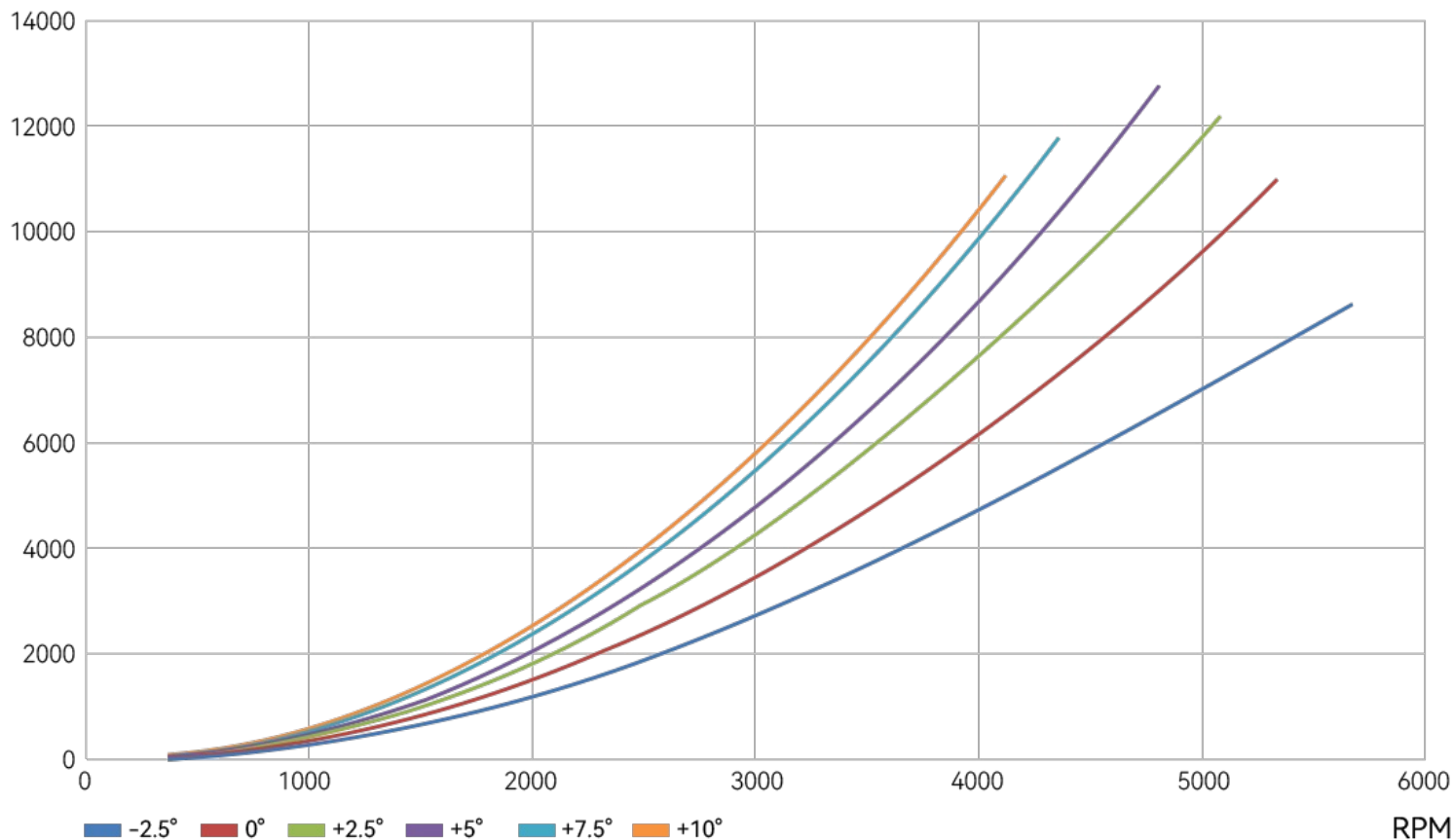
Type	Throttle	Voltage (V)	Thrust (g)	Torque (N*m)	Current (A)	RPM	Power (W)	Efficiency (g / W)	Operating Temperature (°C)
	10%	48	48	0.01	0.13	374	0	8.00	
	15%	48	193	0.06	0.34	733	5	11.92	
	20%	48	408	0.13	0.69	1077	15	12.24	
	25%	48	708	0.22	1.21	1409	32	12.15	
	30%	48	1073	0.34	1.91	1717	61	11.68	
	35%	48	1555	0.47	3.09	2048	101	10.50	
	40%	48	2070	0.63	4.30	2334	154	10.06	

	65%	47	7553	3.22	32.36	3416	1152	4.95	testing)
	70%	47	8562	3.69	41.32	3635	1405	4.42	
	75%	47	9525	4.13	51.50	3828	1655	3.97	
	80%	46	10243	4.46	59.70	3966	1852	3.70	
	85%	46	10794	4.72	73.01	4073	2013	3.21	
	90%	46	10802	4.73	90.81	4074	2018	2.61	
	95%	45	10988	4.84	98.19	4115	2086	2.47	
	100%	45	10749	4.74	97.09	4077	2024	2.44	
MN705 KV140 + FLAME 180A 12S V2.0 + MF2412VP (-2.5°)	10%	48	32	0.01	0.15	375	0	4.50	53 (Motor temperature after 1 minutes of operation) (Ambient Temperature:25°C)
	15%	48	136	0.05	0.33	741	4	8.50	
	20%	48	317	0.10	0.67	1063	11	9.86	
	25%	48	565	0.16	1.07	1428	24	11.05	
	30%	48	878	0.26	1.64	1751	48	11.18	
	35%	48	1262	0.37	2.50	2091	81	10.52	
	40%	48	1693	0.48	3.50	2392	120	10.10	
	45%	48	2157	0.60	4.68	2681	168	9.62	
	50%	48	2815	0.76	6.80	3057	243	8.66	
	55%	48	3450	0.92	8.95	3403	328	8.07	
	60%	48	4058	1.08	11.07	3701	419	7.68	
	65%	48	4680	1.24	13.51	3980	517	7.27	
	70%	48	5585	1.46	17.82	4403	673	6.59	
	75%	47	6365	1.65	21.20	4706	813	6.33	
	80%	47	6993	1.80	24.25	4967	936	6.09	
	85%	47	7682	1.95	27.88	5247	1071	5.83	
	90%	47	8158	2.08	31.01	5495	1197	5.57	
	95%	47	8571	2.15	33.35	5672	1277	5.45	
	100%	47	8581	2.16	33.29	5671	1283	5.47	

Note:Motortemperatureisthebelltemperatureat80%throttle.
 (Date above based on benchtest are for reference only, comparion with that of other motor types is not recommended.)

Analysis Chart

Thrust/g



Packing List



MF2412VP×1Pair



Parts Bag×1

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.

Note

- (1) Please make sure that screws of cover plates are mounted well.
- (2) Do not add force onto the propellers,
- (3) Fall-off or experience equivalent impact to propellers will lead to deformation or cracks. in this case, you will need to replace them with good ones.
- (4) NEVER decompose the propellers. Decomposition of which will result in safety issues. Do not use the propellers in hostile environments containing H2O,S02,N02,Cl2,organosilicon,cyanogroup and phenol.
- (5) Keep the propellers away from the mentioned environments in (4).

(6) For long time storage of over 6 months, please keep it in sealed preservation.