

Brushless Motor

GWBL02205 (100% CNC)



2205/15T <NO LOAD>

MODEL	Voltage	NO LOAD		KV	DIMENSIONS		WEIGHT	
		CURRENT (A)	SPEED (rpm)		SHAFT (mm)	APPEARANCE (mm)	g	oz
GWBLO2205	7.4	0.7	15984	2160	3	28	27.2	0.96

< Performance Reports with GWS Propellers >

PROPELLER	Volts (V)	Amps (A)	Thrust		Power (W)	Efficiency		°C	RPM
			g	oz		g/w	oz/kw		
EP-4540	7.4	4.2	139	4.9	31.08	4.47	157.74	36	14190
	11.1	7.8	274	9.66	86.58	3.16	111.62	41	19860
EP-5030	7.4	4.3	170	6	31.82	5.34	188.43	39	14280
	11.1	8.8	293	10.33	97.68	3	105.8	42	19370
EP-5043	7.4	5.9	203	7.16	43.66	4.65	163.99	42	13380
	8.4	7	241	8.5	58.8	4.1	144.56	39	14670
	9.6	8.5	285	10.05	81.6	3.49	123.19	45	16320
	11.1	10.3	364	12.84	114.33	3.18	112.29	50	18480
EP-6030	7.4	6.1	247	8.71	45.14	5.47	192.99	38	13180
	8.4	7.4	295	10.4	62.16	4.75	167.38	43	14430
	9.6	9.7	330	11.64	93.12	3.54	124.99	48	15630
	11.1	15	327	11.53	166.5	1.96	69.27	55	15510
EP-7035	7.4	8.2	328	11.57	60.68	5.41	190.65	43	12030
	8.4	9.8	395	13.93	82.32	4.8	169.24	46	13140
	9.6	12.2	474	16.72	117.12	4.05	142.74	55	15360
	11.1	14.1	562	19.82	156.51	3.59	126.65	66	15540
EP-8040	7.4	10.4	380	13.4	76.96	4.94	174.15	51	8880
	8.4	12.6	451	15.91	105.84	4.26	150.29	62	9750

GWS 2205/15T Brushless Motor Instructions :

Be sure to follow the notes as below:

1. Its KV value is 2050.
2. Never let it run continually for over than 5 minutes when its power reaches 90W.
Never let it run continually for over than 10 seconds when its power reaches 140W.
3. It is recommended to use this motor on 3D airplane with its total flying weight less than 350g (12.36 oz).
4. It is required to keep good ventilation for this motor during its running hours.
5. This motor could not work when its temperature goes higher than 70°C (158°F)
6. Its temperature will go higher than 40°C (104°F) very quickly when its power reaches 90W.
7. Using propeller longer than 8040 (8"x4") on this motor is not recommended, this motor has been tested to work well with 2S 7.4V Li-Po battery pack, and it is strongly recommended to use only 2S 7.4V Li-Po battery pack with this motor.
8. It is not recommended to reach current drawing over than 12A when 2S 7.4V LiPo battery pack is applied with this motor.

Extra note needs to be taken seriously:

It is Strongly Recommended to Take Great Care when using propeller size in 8043 (8"x4.3") on this motor as the current (Amp.)

drawing would be over than its Maximum Limitation quickly when high R.P.M. applied.

Please refer to the user's manual for detail : [GWBLO2205](#)

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