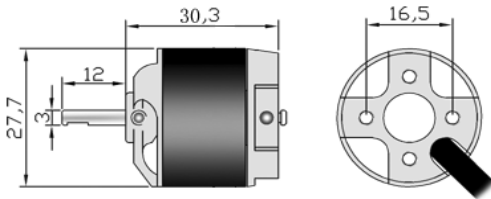




**THIS MOTOR IS EQUIVALENT TO A 480 SIZE BRUSHED MOTOR.**  
**For Models requiring a brushless outrunner motor capable of 150 watts of power.**

<b>MOTROFLY DM2215-850</b>	<b>Ideal for the following models by flying weight:</b>
	<b>3D planes up to 19.5 oz</b>
	<b>F3P planes up to 16 oz</b>
	<b>Park Flyers up to 27 oz</b>
	<b>Scale or Sport planes up to 27 oz</b>



Motor weight with out mount and connectors as most are measured, 58.5 grams



Weight is with prop adaptor, X mount, and pre soldered 3.5mm connectors.				
Weight <b>2.4 oz 70 gram</b>	Kv <b>863</b>	No load Current <b>0.50A at 7V</b>	No load Current <b>0.64A at 12V</b>	Resistance <b>0.1522Ω</b>
Voltages <b>11.1V to 14.8V</b>	Max Current <b>17 amps</b>	Max Watts <b>11.1V 125 W</b>	Max Watts <b>14.8V 162 W</b>	Max Efficiency <b>83%</b>

Max prop size to use per voltage or cell count for this motor.				
7.4V	11.1V	14.8V	18.5V	22.2V
6 Ni-MH/Ni-Cd OR 2 Cell Lipo	10 Ni-MH/Ni-Cd OR 3 Cell Lipo	13 Ni-MH/Ni-Cd OR 4 Cell Lipo	16 Ni-MH/Ni-Cd OR 5 Cell Lipo	18 Ni-MH/Ni-Cd OR 6 Cell Lipo
Graupner Prop Size	GWS Prop Size	APC Prop Size	APC Prop Size	APC Prop Size
	12x6 HD	9x6 E		

Power System for 3D models with a flying weight up to 19.5 oz 553 grams			
Propeller <b>GWS 12x6 HD</b>	Speed Control <b>FM-20</b>	Max Watts <b>133 W</b>	Recommended Lipo Battery <b>1000mah 3s 11.1V 20C</b>
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V <b>30 oz 850 gram</b>	Pitch speed <b>33 mph</b>	Max amp draw <b>12 amps</b>	Total Weight (W/O Battery) <b>3.6 oz (103 grams)</b>

Below combination is for 3D planes where full throttle is only used for 5 sec for every 45 sec.

Power System for F3P models with a flying weight up to 16 oz 453 grams			
Propeller <b>GWS 11x7 DD</b>	Speed Control <b>FM-20</b>	Max Watts <b>133 W</b>	Recommended Lipo Battery <b>1300mah 3s 11.1V 25C</b>
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V <b>27 oz 765 gram</b>	Pitch speed <b>39 mph</b>	Max amp draw <b>12 amps</b>	Total Weight (W/O Battery) <b>3.6 oz (103 grams)</b>

Power System for Slow Park Flyers with a flying weight up to 27 oz 765 grams			
Propeller <b>GWS EP1147 RS</b>	Speed Control <b>FM-20</b>	Max Watts <b>133 W</b>	Recommended Lipo Battery <b>1300mah 3s 11.1V 20C</b>
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V <b>30 oz 850 gram</b>	Pitch speed <b>25 mph</b>	Max amp draw <b>12 amps</b>	Total Weight (W/O Battery) <b>3.6 oz (103 grams)</b>

Power System for Scale models with a flying weight up to 27 oz 765 grams			
Propeller <b>GWS 9x5 three blade</b>	Speed Control <b>FM-20</b>	Max Watts <b>163 W</b>	Recommended Lipo Battery <b>800 to 1300mah 4s 20C</b>
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V <b>31 oz gram</b>	Pitch speed MPH <b>41 mph</b>	Max amp draw <b>11 amps</b>	Total Weight (W/O Battery) <b>3.7 oz (105 grams)</b>

Power System for Sport models with a flying weight up to 27 oz 765 grams			
Propeller <b>APC 9x6 E</b>	Speed Control <b>FM-20</b>	Max Watts <b>177 W</b>	Recommended Lipo Battery <b>800 to 1300mah 4s 20C</b>
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V <b>30 oz 850 gram</b>	Pitch speed MPH <b>48 mph</b>	Max amp draw <b>12 amps</b>	Total Weight (W/O Battery) <b>3.9 oz (111 grams)</b>

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Motor Comparison:
AXI 2217/20 840Kv
Eflite Park 450 890Kv
Hacker A20-22L 924Kv
Himax HC2816-0890
Scorpion S-2215-22 940Kv
Torque 22/930Kv
Venom V28L 750Kv

**ONE YEAR WARRANTY  
ON MANUFACTURERS  
DEFECTS.**

SEE TERMS AND CONDITIONS  
FOR MORE DETAILS.

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