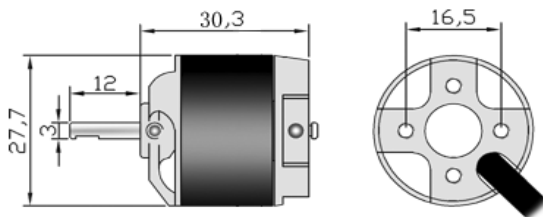




**THIS MOTOR IS EQUIVALENT TO A 480 SIZE BRUSHED MOTOR.**  
 For Models requiring a brushless outrunner motor capable of 180 watts of power.

<b>MOTROFLY DM2215-1150</b>	<b>Ideal for the following models by flying weight:</b>
	<b>3D planes up to 21 oz</b> <b>Park Flyers up to 30 oz</b> <b>Prop Jet planes up to 21 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 2mm connectors.				
Weight <b>2.4 oz 70 gram</b>	Kv <b>1096</b>	No load Current <b>0.92A at 7V</b>	No load Current <b>1.21A at 12V</b>	Resistance <b>0.0860Ω</b>
Voltages <b>7V to 12V</b>	Max Current <b>17 amps</b>	Max Watts <b>7.4V 118 W</b>	Max Watts <b>11.1V 188 W</b>	Max Efficiency <b>%</b>

Motor Comparison:
AXI 2217/16 1050Kv
Dualsky XM2830CA-10 1180Kv
Hacker A20-20L 1022Kv
Himax HC2816-1220Kv
Scorpion S-2215-18 1131Kv
Torque 20/1030Kv
Venom V28L 1275Kv

Max prop size to use per voltage or cell count for this motor.				
<b>7.4V</b>	<b>11.1V</b>	<b>14.8V</b>	<b>18.5V</b>	<b>22.2V</b>
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 <b>12X8 folding</b>	APC Prop Size <b>9x4.7 SF</b>	APC Prop Size	APC Prop Size	APC Prop Size

Power System for 3D models with a flying weight up to 19 oz 538 grams			
Propeller <b>APC 9x4.7 SF</b>	Speed Control <b>FM-20</b>	Max Watts <b>188 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>40 mph</b>	Max amp draw <b>17 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.

EXTREME Power for 3D models with a flying weight up to 21 oz 595 grams			
Propeller <b>APC 10x4.7 SF</b>	Speed Control <b>FM-30</b>	Max Watts <b>255 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>37 oz 1048 gram</b>	Pitch speed <b>35 mph</b>	Max amp draw <b>23 amps</b>	Total Weight (W/O Battery) <b>3.9 oz (112 grams)</b>

Power System for Park Flyers with a flying weight up to 30 oz 850 grams			
Propeller <b>APC 9x4.7 SF</b>	Speed Control <b>FM-20</b>	Max Watts <b>188 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>40 mph</b>	Max amp draw <b>17 amps</b>	Total Weight (W/O Battery) <b>3.6 oz (103 grams)</b>

Prop Jet or Fast Airfoil models with a flying weight up to 21 oz 595 grams			
Propeller Graupner <b>8x6 Cam Slim</b>	Speed Control <b>FM-20</b>	Max Watts <b>177 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>27 oz 765 gram</b>	Pitch speed MPH <b>52 mph</b>	Max amp draw <b>16 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	Speed Control	Max Watts	Recommended Lipo Battery

**ONE YEAR WARRANTY  
ON MANUFACTURERS  
DEFECTS.**

SEE TERMS AND CONDITIONS  
FOR MORE DETAILS.