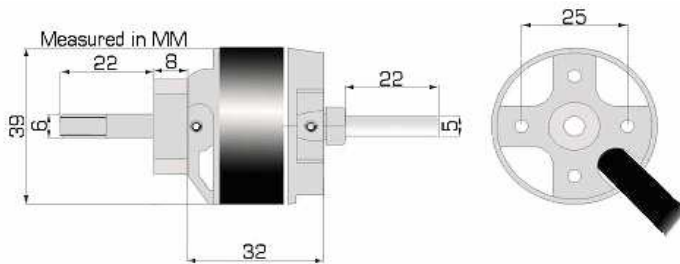




**THIS MOTOR IS EQUIVALENT TO A .25 SIZE COMBUSTION ENGINE.**  
 For Models requiring a brushless outrunner motor capable of 500 watts of power.

<b>MOTROFLY DM-2815-850</b>	<b>Ideal for the following models by flying weight:</b>
	<b>3D planes up to 38 oz</b>
	<b>Pattern planes up to 43 oz</b>
	<b>Prop Jet planes up to 49 oz</b>
	<b>Scale or Sport planes up to 61 oz</b>



Motor weight with out, X mount, connectors and hub as most are measured, 123 grams



Weight is with prop adaptor, X mount, and pre soldered 2mm connectors.				
Weight <b>5.04 oz 143 gram</b>	Kv <b>863</b>	No load Current <b>1.44A at 7V</b>	No load Current <b>2.00A at 14V</b>	Resistance <b>0.0497Ω</b>
Voltages <b>11.1V to 18.5V</b>	Max Current <b>36 amps</b>	Max Watts <b>14.8V 530 W</b>	Max Watts <b>18.5V 590 W</b>	Max Efficiency <b>%</b>

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
APC Prop Size	APC Prop Size	APC Prop Size	APC Prop Size	APC Prop Size
	<b>12x10</b>	<b>11x7</b>	<b>9x6</b>	

Power System for 3D models with a flying weight up to 38 oz			
Propeller <b>APC 11x5.5 E</b>	Speed Control <b>FM-40</b>	Max Watts <b>488 W</b>	Recommended Lipo Battery <b>4s 2200mah 20C</b>
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at <b>14.8V</b> <b>68 oz gram</b>	Pitch speed <b>51 mph</b>	Max amp draw <b>33 amps</b>	Total Weight (W/O Battery) <b>7.65 oz (217 grams)</b>

Power System for Pattern models with a flying weight up to 43 oz			
Propeller <b>APC 11x7 E</b>	Speed Control <b>FM-40</b>	Max Watts <b>532 W</b>	Recommended Lipo Battery <b>4s 2200mah 20C</b>
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at <b>14.8V</b> <b>66 oz gram</b>	Pitch speed <b>63 mph</b>	Max amp draw <b>36 amps</b>	Total Weight (W/O Battery) <b>7.58 oz (215 grams)</b>

Prop Jet or Fast Airfoil planes with a flying weight up to 49 oz			
Propeller <b>APC 9x6 E</b>	Speed Control <b>FM-40</b>	Max Watts <b>592 W</b>	Recommended Lipo Battery <b>5s 2200mah 20C</b>
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at <b>18.5V</b> <b>71 oz gram</b>	Pitch speed <b>74 mph</b>	Max amp draw <b>32 amps</b>	Total Weight (W/O Battery) <b>7.4 oz (210 grams)</b>

Motor Comparison:
<b>Atlas</b>
<b>AXI 2818/20 840Kv</b>
<b>Dualsky XM3536CA-9 890Kv</b>
<b>Eflite Power 15 950Kv</b>
<b>Hacker</b>
<b>Himax HC3516 840</b>
<b>Hyperion Z3013-16 985Kv</b>
<b>HXT</b>
<b>Rim Fire</b>
<b>Scorpion 3014-22 892Kv</b>
<b>Torque 2818-900Kv</b>

**ONE YEAR WARRANTY  
ON MANUFACTURERS  
DEFECTS.**  
SEE TERMS AND CONDITIONS  
FOR MORE DETAILS.