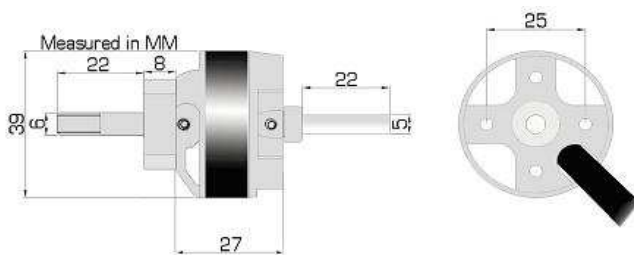




**THIS MOTOR IS EQUIVALENT TO A .15 SIZE COMBUSTION ENGINE.**  
 For Models requiring a brushless outrunner motor capable of 340 watts of power.

|                                 |                                                         |
|---------------------------------|---------------------------------------------------------|
| <b>MOTROFLY<br/>DM-2810-830</b> | <b>Ideal for the following models by flying weight:</b> |
|                                 | <b>3D planes up to 39 oz</b>                            |
|                                 | <b>Pattern planes up to 32 oz</b>                       |
|                                 | <b>Prop Jet planes up to 32 oz</b>                      |
|                                 | <b>Scale or Sport planes up to 50 oz</b>                |



Motor weight with out, X mount, connectors and hub as most are measured, 91 grams



| Weight is with prop adaptor, X mount, and pre soldered 2mm connectors. |                               |                                       |                                        |                             |
|------------------------------------------------------------------------|-------------------------------|---------------------------------------|----------------------------------------|-----------------------------|
| Weight<br><b>4.1 oz 116 gram</b>                                       | Kv<br><b>732</b>              | No load Current<br><b>0.79A at 7V</b> | No load Current<br><b>1.03A at 12V</b> | Resistance<br><b>0.107Ω</b> |
| Voltages<br><b>11.1V to 18.5V</b>                                      | Max Current<br><b>24 amps</b> | Max Watts<br><b>14.8V 340W</b>        | Max Watts<br><b>18.5V 400W</b>         | Max Efficiency<br><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<br>OR 2 Cell Lipo                                | 10 Ni-MH/Ni-Cd<br>OR 3 Cell Lipo | 13 Ni-MH/Ni-Cd<br>OR 4 Cell Lipo | 16 Ni-MH/Ni-Cd<br>OR 5 Cell Lipo | 18 Ni-MH/Ni-Cd<br>OR 6 Cell Lipo |
| APC Prop Size                                                  | APC Prop Size                    | APC Prop Size                    | APC Prop Size                    | APC Prop Size                    |
|                                                                | <b>13x8</b>                      | <b>12x6</b>                      | <b>9x7.5</b>                     |                                  |

| Power System for 3D models with a flying weight up to 39 oz 1105 grams        |                               |                                |                                                           |
|-------------------------------------------------------------------------------|-------------------------------|--------------------------------|-----------------------------------------------------------|
| Propeller<br><b>APC 12x6 E</b>                                                | Speed Control<br><b>FM-40</b> | Max Watts<br><b>340 W</b>      | Recommended Lipo Battery<br><b>4s 1300 to 1800mah 20C</b> |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |                                                           |
| Thrust at 14.8V<br><b>60oz 1700 gram</b>                                      | Pitch speed<br><b>42 mph</b>  | Max amp draw<br><b>23 amps</b> | Total Weight (W/O Battery)<br><b>6.74 oz (191 grams)</b>  |

| Power System for Pattern models with a flying weight up to 32 oz 907 grams    |                               |                                |                                                           |
|-------------------------------------------------------------------------------|-------------------------------|--------------------------------|-----------------------------------------------------------|
| Propeller<br><b>APC 11x8.5</b>                                                | Speed Control<br><b>FM-40</b> | Max Watts<br><b>340 W</b>      | Recommended Lipo Battery<br><b>4s 1300 to 1800mah 20C</b> |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |                                                           |
| Thrust at 14.8V<br><b>46 oz 1304 gram</b>                                     | Pitch speed<br><b>60 mph</b>  | Max amp draw<br><b>23 amps</b> | Total Weight (W/O Battery)<br><b>6.67 oz (189 grams)</b>  |

| Power System for Fast models with a flying weight up to 32 oz 907 grams       |                               |                                |                                                              |
|-------------------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------------------------|
| Propeller<br><b>APC 9x7.5 E</b>                                               | Speed Control<br><b>FM-40</b> | Max Watts<br><b>400 W</b>      | Recommended Lipo Battery<br><b>5s 1300mah to 1800mah 20C</b> |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |                                                              |
| Thrust at 14.8V<br><b>46 oz 1304 gram</b>                                     | Pitch speed<br><b>72 mph</b>  | Max amp draw<br><b>22 amps</b> | Total Weight (W/O Battery)<br><b>6.53 oz (185 grams)</b>     |

| Motor Comparison:          |
|----------------------------|
| Dualsky XM3530CA-14 1000Kv |
| Eflite Park 480 1020Kv     |
| Hacker A30-28S 1140Kv      |
| Himax HC3510-1100          |
| Hyperion Z3007-30 1050Kv   |
| HXT 35-30C 1100Kv          |
| Rim Fire 35-30 950         |
| Scorpion 3008-32 1090Kv    |
| Torque 2830 1095Kv         |

**ONE YEAR WARRANTY  
ON MANUFACTURERS  
DEFECTS.**

SEE TERMS AND CONDITIONS  
FOR MORE DETAILS.