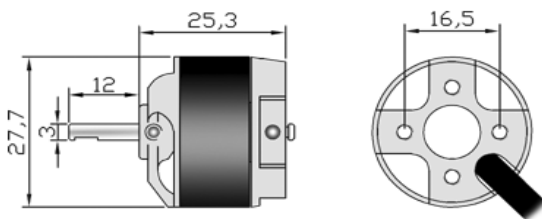




**THIS MOTOR IS EQUIVALENT TO A 400 SIZE BRUSHED MOTOR.**  
 For Models requiring a brushless outrunner motor capable of 180 watts of power.

|                                 |                                                                                                                                                                                                             |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>MOTROFLY<br/>DM2210-1700</b> | <b>Ideal for the following models by flying weight:</b><br>3D planes up to <b>15 oz</b><br>Park Flyers up to <b>24 oz</b><br>Prop Jet planes up to <b>20 oz</b><br>Scale or Sport planes up to <b>28 oz</b> |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Motor weight with out mount and connectors as most motors are measured, 43 grams

| Weight is with prop adaptor, X mount, and pre soldered 3.5mm connectors. |                   |                                        |                                         |                              |
|--------------------------------------------------------------------------|-------------------|----------------------------------------|-----------------------------------------|------------------------------|
| Weight<br><b>1.9 oz 53 gram</b>                                          | Kv<br><b>1623</b> | No load Current<br><b>1.245A at 7V</b> | No load Current<br><b>1.560A at 10V</b> | Resistance<br><b>0.0621Ω</b> |

Rated current and watts are continuous use; higher watts should only be used at 10sec bursts

| Voltagess            | Max Current    | Max Watts         | Max Watts          | Max Efficiency |
|----------------------|----------------|-------------------|--------------------|----------------|
| <b>7.4V to 11.1V</b> | <b>20 amps</b> | <b>7.4V 130 W</b> | <b>11.1V 180 W</b> | <b>79%</b>     |

| Max prop size to use per voltage or cell count for this motor. |                                   |                                  |                                  |                                  |
|----------------------------------------------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|
| <b>7.4V</b>                                                    | <b>11.1V</b>                      | 14.8V                            | 18.5V                            | 22.2V                            |
| 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<br><b>9x4.7 SF</b>                               | APC Prop Size<br><b>7x6 sport</b> | APC Prop Size                    | APC Prop Size                    | APC Prop Size                    |

| Power System for 3D models on 2s Lipo with a flying weight up to 15 oz        |                               |                                |                                                        |
|-------------------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------------------|
| Propeller<br><b>APC 9x4.7 SF</b>                                              | Speed Control<br><b>FM-20</b> | Max Watts<br><b>130 W</b>      | Recommended Lipo Battery<br><b>800mah 7.4V 20C</b>     |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |                                                        |
| Thrust<br><b>24 oz gram</b>                                                   | Pitch speed<br><b>36 mph</b>  | Max amp draw<br><b>18 amps</b> | Total Weight (W/O Battery)<br><b>3.1 oz (89 grams)</b> |

| Prop Jet or Fast Airfoil models with a flying weight up to 14 oz              |                               |                                |                                                        |
|-------------------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------------------|
| Propeller Graupner<br><b>6x6 Cam Speed</b>                                    | Speed Control<br><b>FM-20</b> | Max Watts<br><b>165 W</b>      | Recommended Lipo Battery<br><b>800mah 11.1V 25C</b>    |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |                                                        |
| Thrust at 11.1V<br><b>17 oz 482 gram</b>                                      | Pitch speed<br><b>84 mph</b>  | Max amp draw<br><b>15 amps</b> | Total Weight (W/O Battery)<br><b>2.9 oz (82 grams)</b> |

Below prop combination is **NOT** for models where the motor is inclosed in some way.

| Prop Jet or Fast Airfoil models with a flying weight up to 20 oz              |                               |                                |                                                        |
|-------------------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------------------|
| Propeller<br><b>APC 7x5 E</b>                                                 | Speed Control<br><b>FM-20</b> | Max Watts<br><b>230 W</b>      | Recommended Lipo Battery<br><b>1300mah 11.1V 25C</b>   |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                               |                                |                                                        |
| Thrust at 11.1V<br><b>29 oz 822 gram</b>                                      | Pitch speed<br><b>63 mph</b>  | Max amp draw<br><b>21 amps</b> | Total Weight (W/O Battery)<br><b>3.1 oz (88 grams)</b> |

| Power System for Fast Sport models with a flying weight up to 24 oz           |                                  |                                |                                                        |
|-------------------------------------------------------------------------------|----------------------------------|--------------------------------|--------------------------------------------------------|
| Propeller<br><b>APC 7x4 Sport</b>                                             | Speed Control<br><b>FM-20</b>    | Max Watts<br><b>180 W</b>      | Recommended Lipo Battery<br><b>1300mah 11.1V 20C</b>   |
| Total weight is motor with all hardware, connectors, speed control, and prop. |                                  |                                |                                                        |
| Thrust at 11.1V<br><b>28 oz 794 gram</b>                                      | Pitch speed MPH<br><b>54 mph</b> | Max amp draw<br><b>17 amps</b> | Total Weight (W/O Battery)<br><b>3.1 oz (88 grams)</b> |

| Motor Comparison:                                          |
|------------------------------------------------------------|
| AXI 2208/20 1820Kv                                         |
| Dualsky XM2826CA-10 1770Kv                                 |
| Rim Fire 28-26 1600Kv                                      |
| <b>ONE YEAR WARRANTY<br/>ON MANUFACTURERS<br/>DEFECTS.</b> |
| SEE TERMS AND CONDITIONS<br>FOR MORE DETAILS.              |