

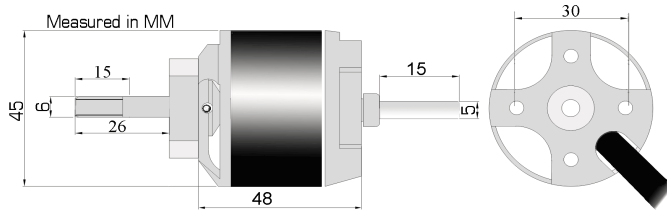


THIS MOTOR IS EQUIVALENT TO A .50 SIZE COMBUSTION ENGINE.

For Models requiring a brushless outrunner motor capable of 1000 watts of power.

**MOTROFLY
DM-3625-800**

Ideal for the following models by flying weight:
3D planes up to 82 oz
Pattern planes up to 76 oz
Prop Jet planes up to 65 oz
Scale or Sport planes up to 124 oz



Motor weight with out, X mount, connectors and hub as most are measured, 257 grams



Weight is with prop adaptor, X mount, and pre soldered 3.5mm connectors.				
Weight 10.2 oz 289 grams	Kv 798	No load Current 2.4A at 8V	No load Current 3.31A at 14V	Resistance 0.0183Ω
Max Current at 14.8V, 80 amps	Max Current at 18.5V, amps	Max Watts at 18.5V 1200 W	Max Watts at 22.2V 1150 W	Max Efficiency %

Max prop size & pitch 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
APC Prop Size	APC Prop Size	APC Prop Size	APC Prop Size	APC Prop Size
	16x10 E	15x6 E	12x6 E	9x7.5 E

Light Power System for 3D models with a flying weight up to 80 oz			
Propeller APC 15x8 E	Speed Control FM-120	Max Watts 1213 W	Recommended Lipo Battery 2600mah 4s 14.8V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V 140 oz 3969 gram	Pitch speed 58 mph	Max amp draw 82 amps	Total Weight (W/O Battery) 14.8 oz (420 grams)

EXTREME Power for 3D models with a flying weight up to 82 oz			
Propeller APC 12x6 E	Speed Control FM-120	Max Watts 1160 W	Recommended Lipo Battery 2200 to 2600mah 5s V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 18.5V 146 oz 4139 gram	Pitch speed 67 mph	Max amp draw 66 amps	Total Weight (W/O Battery) 14.6 oz (414 grams)

EXTREME Power for Pattern planes with a flying weight up to 76 oz			
Propeller APC 11x8 E	Speed Control FM-120	Max Watts 1258 W	Recommended Lipo Battery 2200 to 2600mah 5s V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 18.5V 124 oz 3515 gram	Pitch speed 88 mph	Max amp draw 68 amps	Total Weight (W/O Battery) 14.5 oz (412 grams)

Prop Jet or Fast Airfoil models with a flying weight up to 65 oz			
Propeller APC 9x7.5 E	Speed Control FM-120	Max Watts 1150 W	Recommended Lipo Battery 2200mah 6s 22.2V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 22.2 V 101 oz 2863 gram	Pitch speed 107 mph	Max amp draw 55 amps	Total Weight (W/O Battery) 14.3 oz (405 grams)

Power System for Sport models with a flying weight up to 124 oz			
Propeller APC 12x6 E	Speed Control FM-120	Max Watts 1160 W	Recommended Lipo Battery 2600 to 3200mah 5s V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 18.5V 146 oz 4139 gram	Pitch speed 67 mph	Max amp draw 66 amps	Total Weight (W/O Battery) 14.6 oz (414 grams)

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Motor Comparison:
Dualsky XM4260CA-4 840Kv
Eflite Power 46 670Kv
Hacker A40-10s 750Kv
HXT 42-50A 700Kv
Rim Fire 42-60 800Kv
Scorpion S-3032-10 823Kv

**ONE YEAR WARRANTY
ON MANUFACTURERS
DEFECTS.**

SEE TERMS AND CONDITIONS
FOR MORE DETAILS.

www.subsonicplanes.com