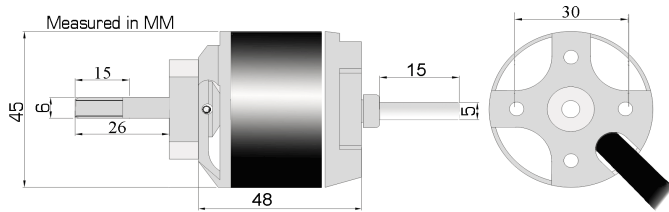




THIS MOTOR IS EQUIVALENT TO A .50 SIZE COMBUSTION ENGINE.
For Models requiring a brushless outrunner motor capable of 1000 watts of power.

MOTROFLY DM-3625-650

Ideal for the following models by flying weight:
3D planes up to 88 oz
Pattern planes up to 80 oz
Prop Jet planes up to 80 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 655	No load Current 1.84A at 8V	No load Current 2.46A at 14V	Resistance .0234Ω
Max Current at 18.5V, 72 amps	Max Current at 22.2V, 60 amps	Max Watts at 11.1V, 800 W	Max Watts at 22.2V, 1300 W	Max Efficiency %

Motor Comparison:
Dualsky XM4260Ca-5 680Kv
Eflite Power 46 670Kv
HXT 42-60 600Kv
Rim Fire 42-60 600Kv
Scorpion S-3032-12 686Kv

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
	20x8 E	16x8 E	15x6 E	12x6 E

Light Power System for 3D models with a flying weight up to 84 oz			
Propeller APC 16x8 E	Speed Control FM-120	Max Watts 1095 W	Recommended Lipo Battery 2600mah 4s 14.8V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 11.1V 148 oz 4197grams	Pitch speed 53 mph	Max amp draw 74 amps	Total Weight (W/O Battery) 15.2 oz (430 grams)

EXTREME Power for 3D models with a flying weight up to 88 oz			
Propeller APC 14x8.5 E	Speed Control FM-120	Max Watts 1406 W	Recommended Lipo Battery 2600 to 3200mah 5s 18.5V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 18.5V 164 oz gram	Pitch speed 75 mph	Max amp draw 76 amps	Total Weight (W/O Battery) 14.9 oz (422 grams)

Power System for Pattern models with a flying weight up to 80 oz			
Propeller APC 13x6.5 E	Speed Control FM-120	Max Watts 1055 W	Recommended Lipo Battery 2600 to 3200mah 5s 18.5V 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 18.5V 132 oz gram	Pitch speed 61 mph	Max amp draw 57 amps	Total Weight (W/O Battery) 14.6 oz (414 grams)

Prop Jet or Fast Airfoil models with a flying weight up to 80 oz			
Propeller APC 11x8.5 E	Speed Control FM-120	Max Watts 1310 W	Recommended Lipo Battery 2600 to 3200mah 6s 22.2V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 22.2V 123 oz 3487 gram	Pitch speed 98 mph	Max amp draw 59 amps	Total Weight (W/O Battery) 14.5 oz (378 grams)

Power System for Sport models with a flying weight up to 128 oz			
Propeller APC 14x8.5 E	Speed Control FM-120	Max Watts 1406 W	Recommended Lipo Battery 2600 to 3200mah 5s 18.5V 30C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 18.5V 164 oz gram	Pitch speed 75 mph	Max amp draw 76 amps	Total Weight (W/O Battery) 14.9 oz (422 grams)

**ONE YEAR WARRANTY
ON MANUFACTURERS
DEFECTS.**

**SEE TERMS AND CONDITIONS
FOR MORE DETAILS.**